

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094839.D
 Acq On : 3 May 2017 17:42
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:09:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99292	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	429754	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	196399	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	350036	20.00	ng	0.00
75) Chrysene-d12	18.64	240	291973	20.00	ng	-0.01
86) Perylene-d12	20.30	264	236259	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	485314	81.49	ng	0.00
7) Phenol-d6	7.27	99	591805	82.82	ng	-0.01
23) Nitrobenzene-d5	8.63	82	547906	80.40	ng	0.00
41) 2,4,6-Tribromophenol	13.87	330	133638	83.09	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1118707	81.99	ng	0.00
78) Terphenyl-d14	17.30	244	920048	69.41	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	150142	51.40	ng	94
3) Pyridine	2.76	79	288259	42.58	ng	99
4) n-Nitrosodimethylamine	2.70	42	115256	40.85	ng	86
6) Aniline	7.22	93	392537	43.51	ng	97
8) 2-Chlorophenol	7.41	128	285134	42.06	ng	96
9) Benzaldehyde	7.03	77	167284	38.34	ng	97
10) Phenol	7.29	94	316063	41.97	ng	88
11) bis(2-Chloroethyl)ether	7.36	93	250962	40.37	ng	96
12) 1,3-Dichlorobenzene	7.63	146	309090	40.20	ng	99
13) 1,4-Dichlorobenzene	7.75	146	317363	40.70	ng	97
14) 1,2-Dichlorobenzene	7.99	146	304257	41.80	ng	95
15) Benzyl Alcohol	8.01	79	225716	49.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	343108	39.00	ng	# 43
17) 2-Methylphenol	8.22	107	227627	41.03	ng	# 90
18) Hexachloroethane	8.51	117	110079	41.67	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	203666	42.14	ng	96
20) 3+4-Methylphenols	8.47	107	318032	42.19	ng	# 58
22) Acetophenone	8.40	105	419970	40.73	ng	# 84
24) Nitrobenzene	8.65	77	287198	40.20	ng	94
25) Isophorone	9.05	82	524039	43.06	ng	96
26) 2-Nitrophenol	9.16	139	163677	42.46	ng	97
27) 2,4-Dimethylphenol	9.30	122	260462	41.79	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	337802	40.13	ng	99
29) 2,4-Dichlorophenol	9.57	162	251354	42.72	ng	97
30) 1,2,4-Trichlorobenzene	9.67	180	251287	39.86	ng	99
31) Naphthalene	9.78	128	847066	39.22	ng	99
32) Benzoic acid	9.60	122	160034	40.05	ng	96
33) 4-Chloroaniline	9.91	127	350706	43.57	ng	95
34) Hexachlorobutadiene	10.00	225	127548	38.34	ng	96
35) Caprolactam	10.53	113	57678	32.64	ng	89
36) 4-Chloro-3-methylphenol	10.77	107	255726	40.65	ng	91
37) 2-Methylnaphthalene	10.91	142	596376	42.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	241738	40.02	ng	98
40) Hexachlorocyclopentadiene	11.17	237	92324	39.66	ng	98

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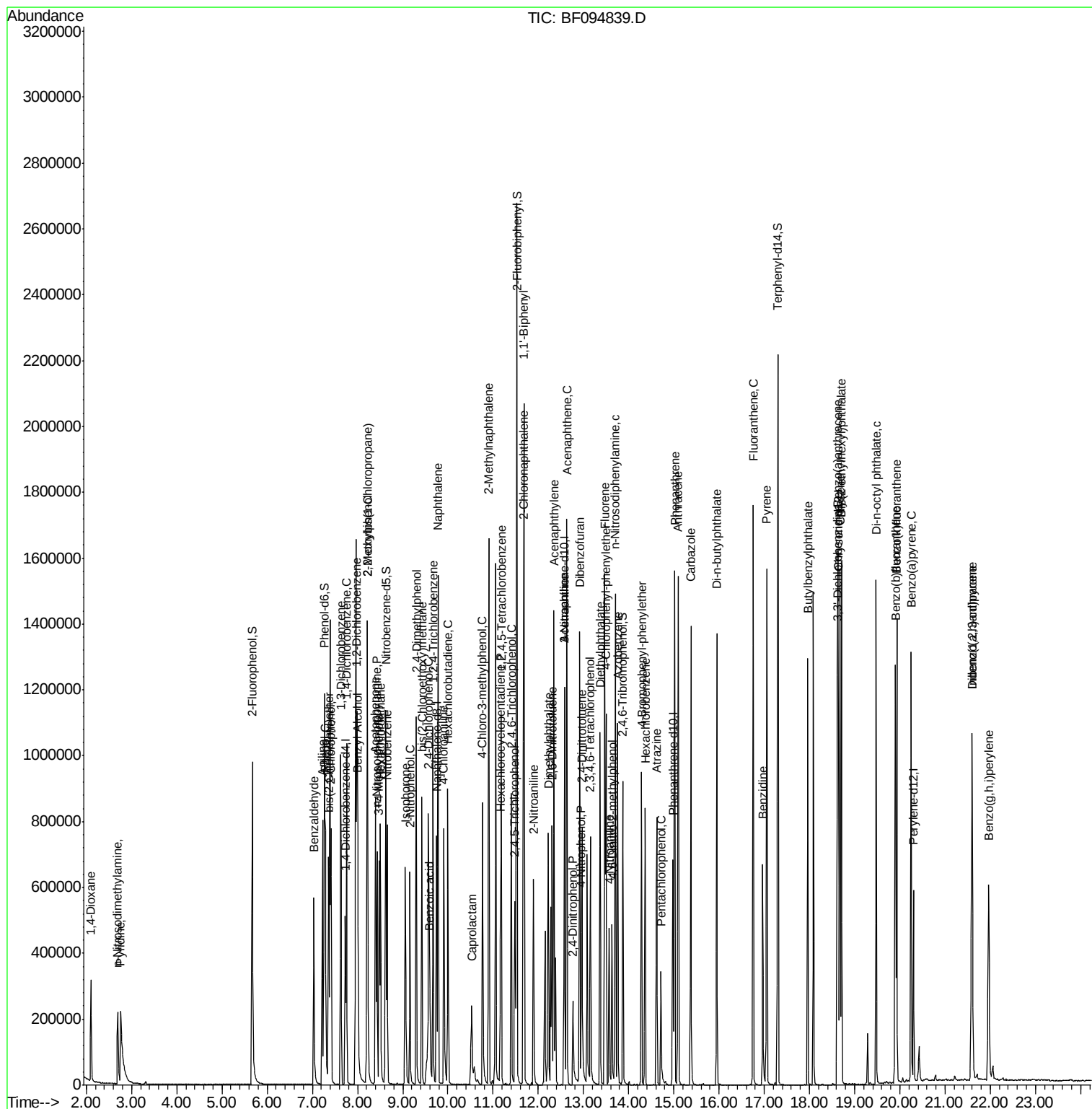
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	165073	40.93	nq	100
43) 2,4,5-Trichlorophenol	11.48	196	169498	39.11	nq	# 91
45) 1,1'-Biphenyl	11.67	154	664729	40.20	nq	97
46) 2-Chloronaphthalene	11.69	162	517097	38.73	nq	96
47) 2-Nitroaniline	11.90	65	147268	40.30	nq	# 79
48) Acenaphthylene	12.35	152	844987	40.40	nq	98
49) Dimethylphthalate	12.22	163	614775	38.13	nq	98
50) 2,6-Dinitrotoluene	12.31	165	135219	41.11	nq	95
51) Acenaphthene	12.63	154	497399	39.82	nq	99
52) 3-Nitroaniline	12.57	138	147220	41.70	nq	90
53) 2,4-Dinitrophenol	12.77	184	69467	41.60	nq	# 66
54) Dibenzofuran	12.92	168	757619	43.83	nq	98
55) 4-Nitrophenol	12.95	139	94773	44.69	nq	# 77
56) 2,4-Dinitrotoluene	12.97	165	182068	43.08	nq	# 88
57) Fluorene	13.47	166	600806	39.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	123769	45.37	nq	# 95
59) Diethylphthalate	13.37	149	583685	37.77	nq	98
60) 4-Chlorophenyl-phenylether	13.50	204	262393	39.72	nq	88
61) 4-Nitroaniline	13.57	138	135830	41.91	nq	96
62) Azobenzene	13.75	77	546389	44.00	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	96753	41.23	nq	# 71
65) n-Nitrosodiphenylamine	13.71	169	486293	38.28	nq	100
66) 4-Bromophenyl-phenylether	14.28	248	151046	40.84	nq	99
67) Hexachlorobenzene	14.37	284	144785	38.20	nq	# 89
68) Atrazine	14.62	200	149153	41.58	nq	98
69) Pentachlorophenol	14.71	266	63151	40.02	nq	95
70) Phenanthrene	15.02	178	820473	40.80	nq	98
71) Anthracene	15.09	178	841901	40.98	nq	99
72) Carbazole	15.38	167	788805	42.20	nq	97
73) Di-n-butylphthalate	15.95	149	904180	38.79	nq	99
74) Fluoranthene	16.75	202	846532	41.03	nq	99
76) Benzidine	16.97	184	355912	45.47	nq	# 94
77) Pyrene	17.05	202	819750	37.54	nq	99
79) Butylbenzylphthalate	17.96	149	388481	38.25	nq	# 85
80) Benzo(a)anthracene	18.63	228	690317	40.62	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	236090	40.23	nq	# 97
82) Chrysene	18.68	228	622496	37.89	nq	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	547834	37.86	nq	# 100
84) Di-n-octyl phthalate	19.48	149	885696	37.33	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	498236	37.34	nq	99
87) Benzo(b)fluoranthene	19.90	252	594647	40.73	nq	99
88) Benzo(k)fluoranthene	19.93	252	580037	41.19	nq	# 95
89) Benzo(a)pyrene	20.25	252	547272	40.63	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	414902	37.29	nq	97
91) Benzo(g,h,i)perylene	21.97	276	416027	38.11	nq	99

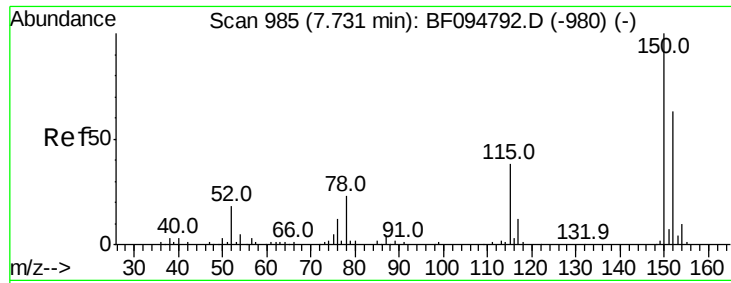
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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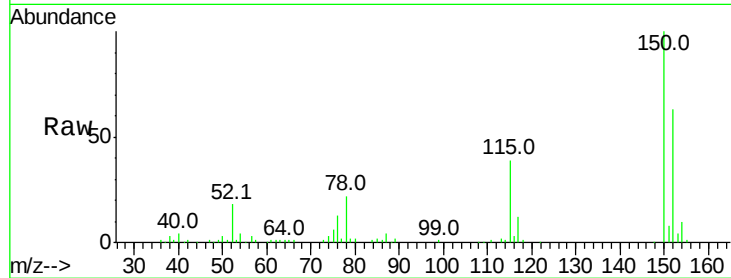


#1

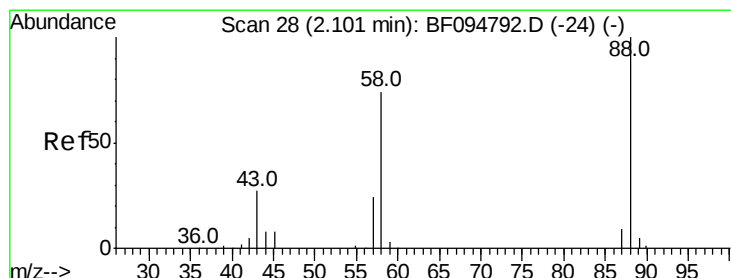
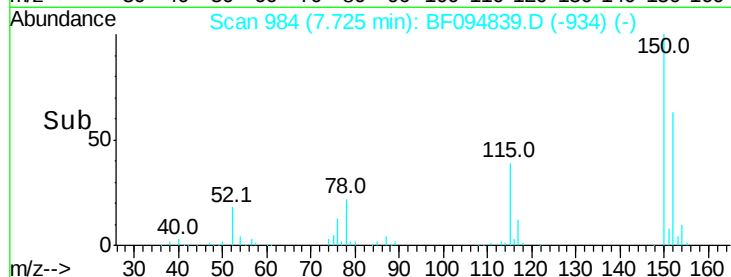
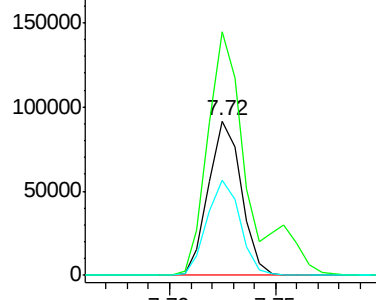
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99292
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.3 52.2 78.2



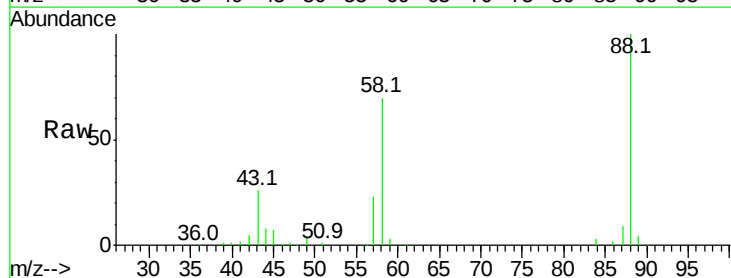
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



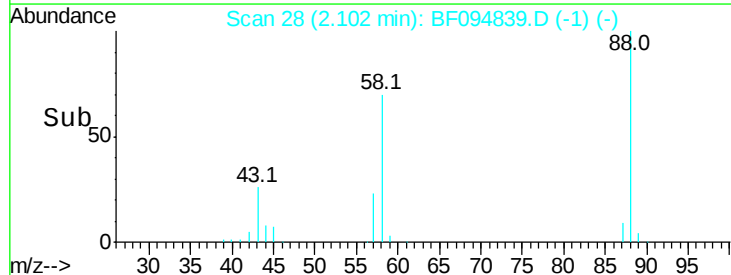
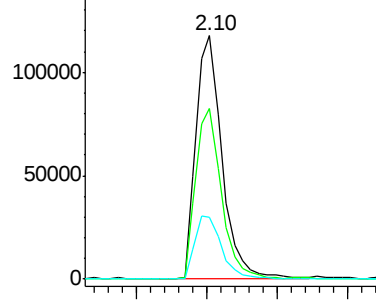
#2

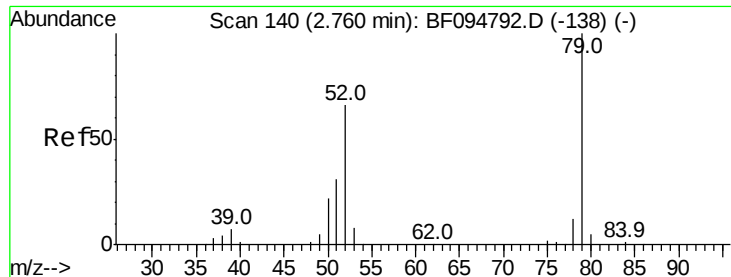
1,4-Dioxane
Concen: 51.40 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion: 88 Resp: 150142
Ion Ratio Lower Upper
88 100
58 70.3 61.4 92.0
43 27.2 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.58 ng

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

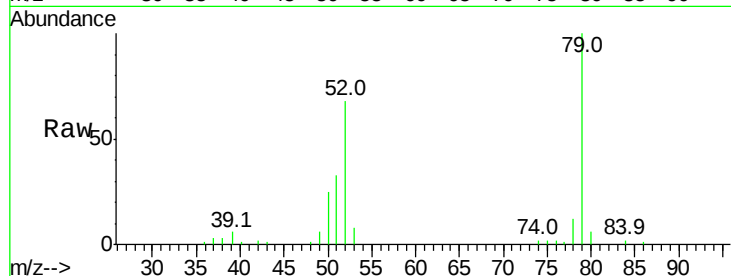
Tot Ion: 79 Resp: 288259

Ion Ratio Lower Upper

79 100

52 67.5 54.8 82.2

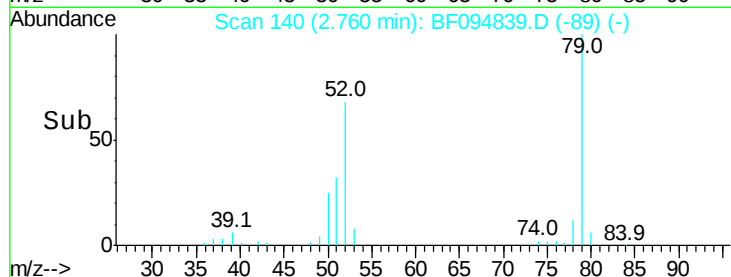
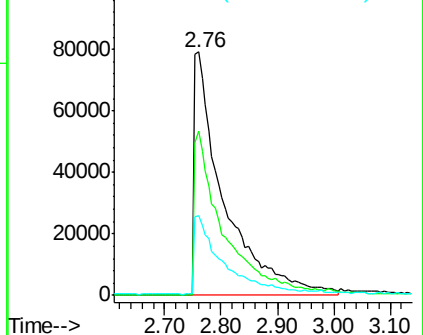
51 32.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.85 ng

RT: 2.70 min Scan# 129

Delta R.T. 0.00 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

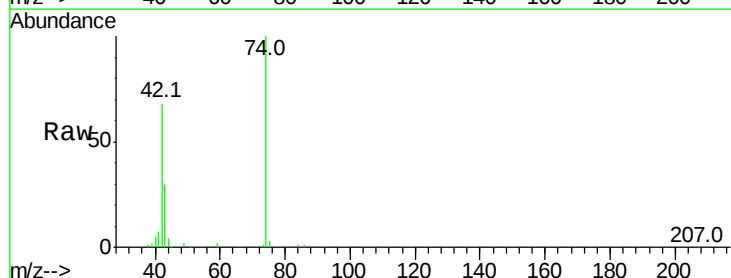
Tgt Ion: 42 Resp: 115256

Ion Ratio Lower Upper

42 100

74 147.1 103.9 155.9

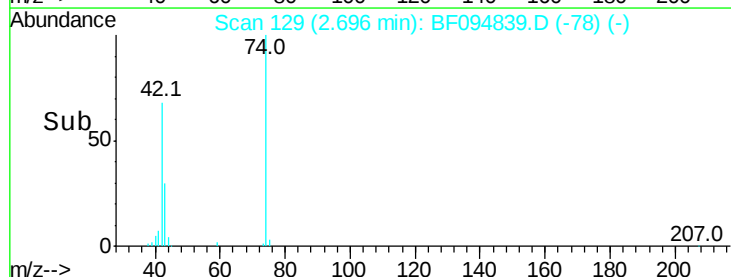
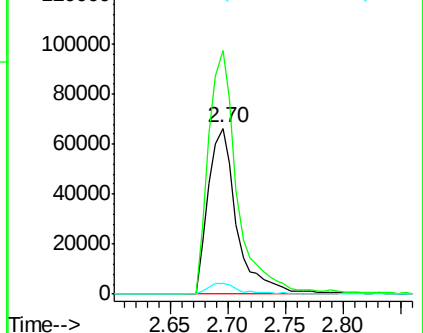
44 6.4 5.7 8.5

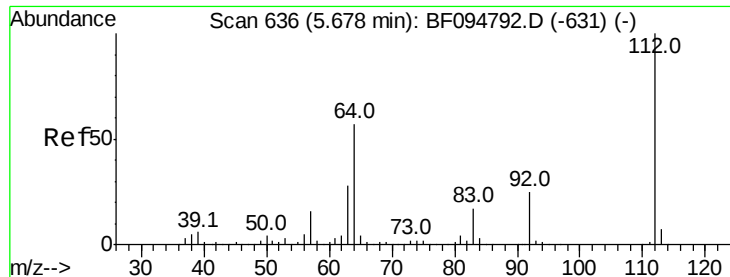


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.49 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampled :

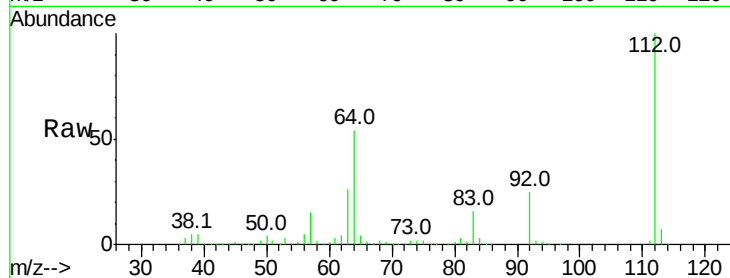
Tot Ion:112 Resp: 485314

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

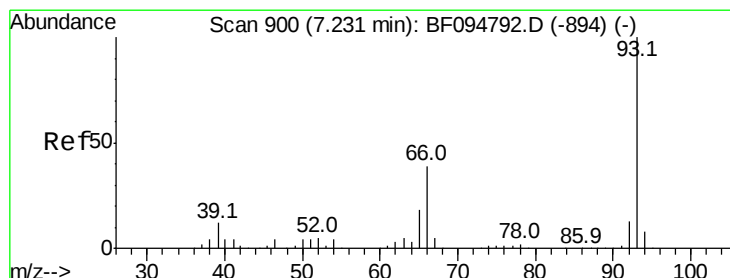
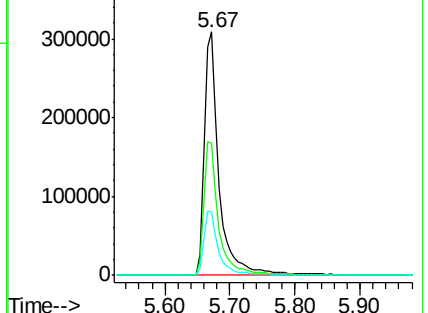
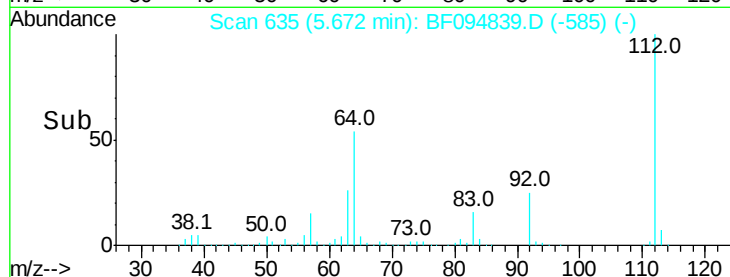
63 25.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.51 ng

RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

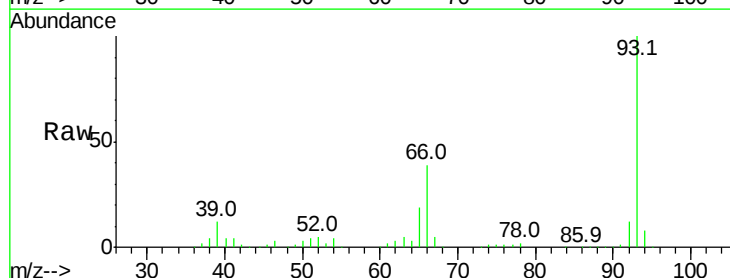
Tgt Ion: 93 Resp: 392537

Ion Ratio Lower Upper

93 100

66 38.7 32.9 49.3

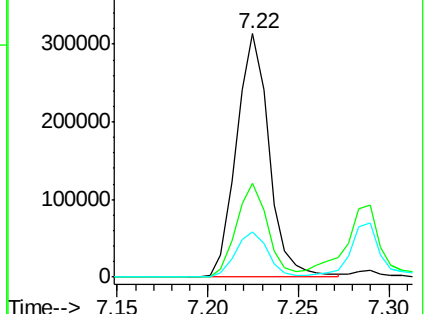
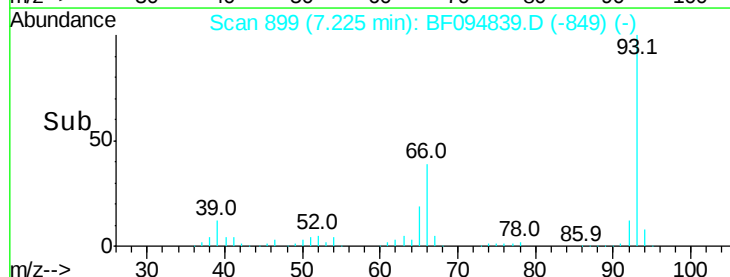
65 18.8 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.82 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampled :

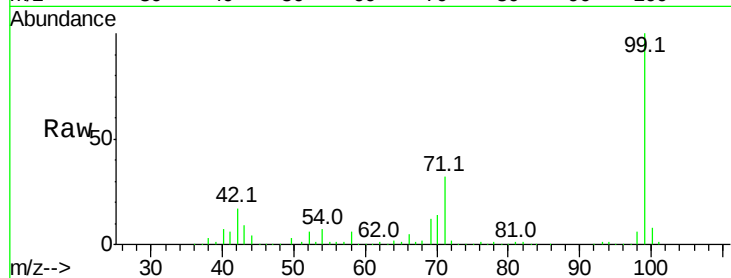
Tot Ion: 99 Resp: 591805

Ion Ratio Lower Upper

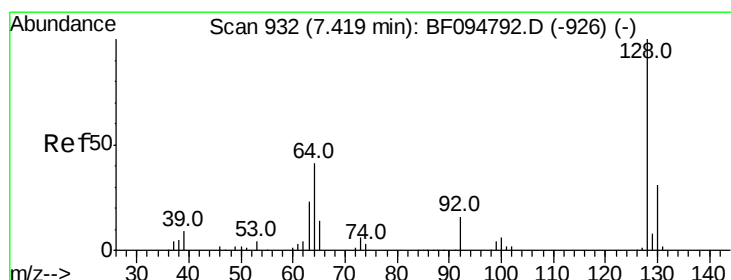
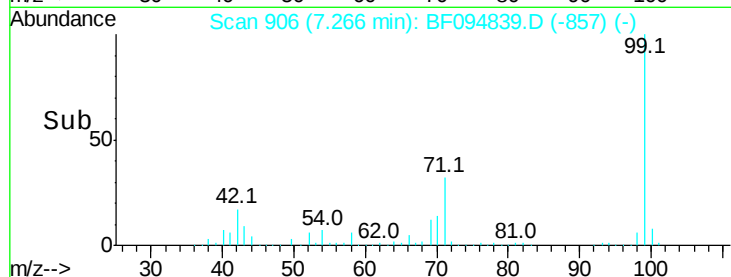
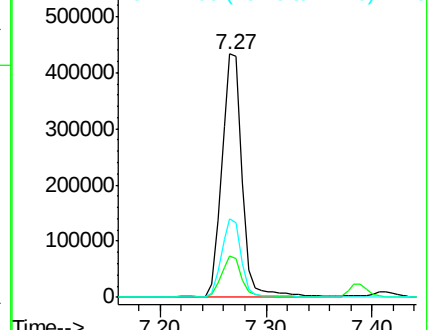
99 100

42 16.8 13.5 20.3

71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.06 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

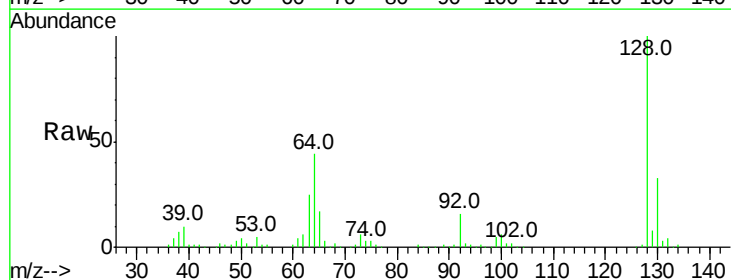
Tgt Ion: 128 Resp: 285134

Ion Ratio Lower Upper

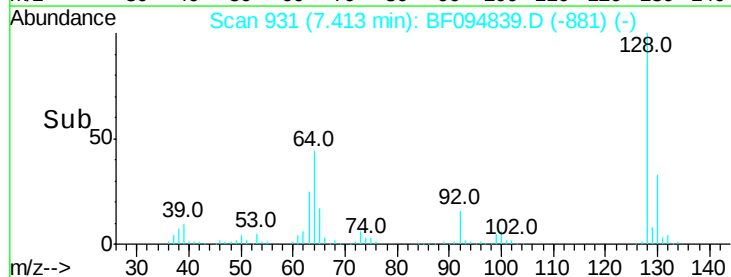
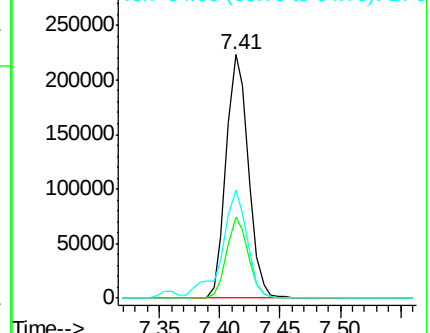
128 100

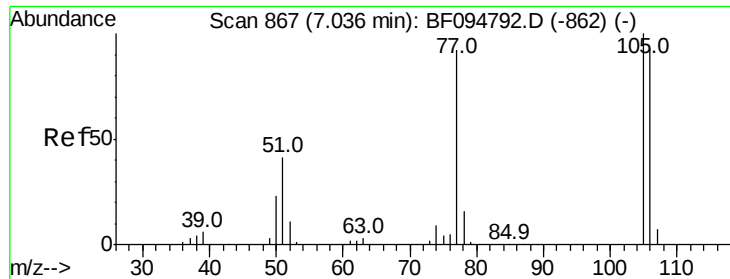
130 33.1 12.9 52.9

64 44.2 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.34 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampled :

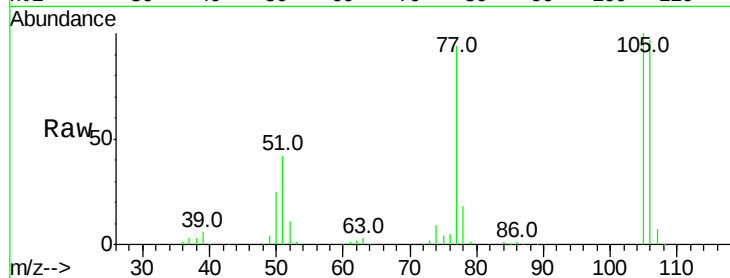
Tot Ion: 77 Resp: 167284

Ion Ratio Lower Upper

77 100

105 106.4 83.8 123.8

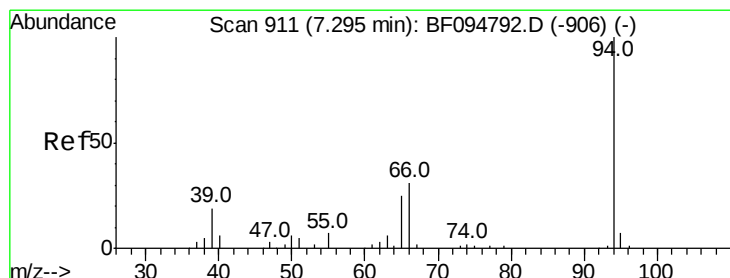
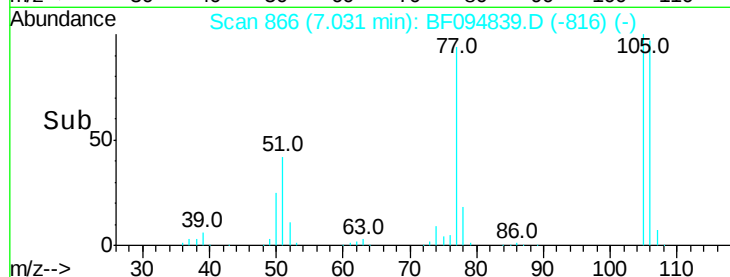
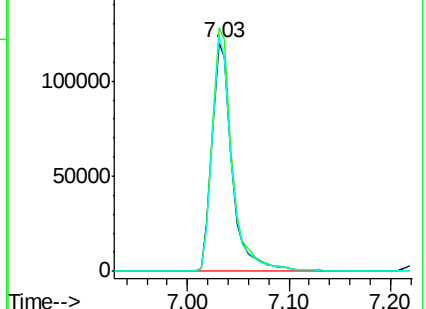
106 103.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.97 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

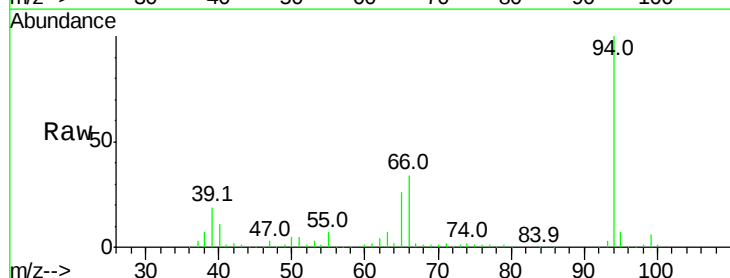
Tgt Ion: 94 Resp: 316063

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

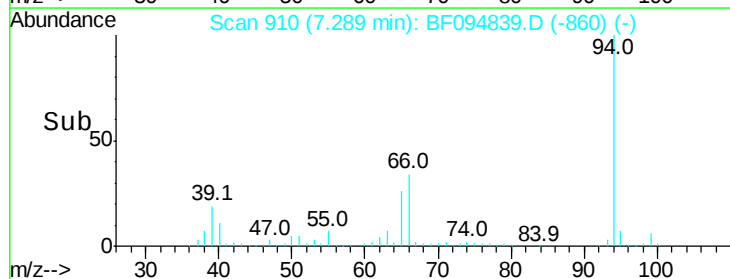
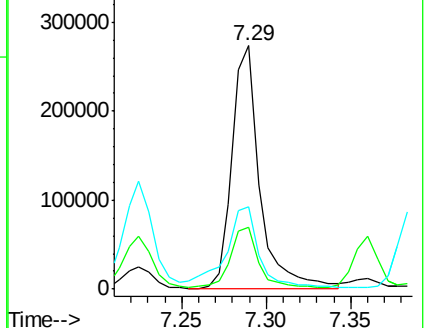
66 33.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.37 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

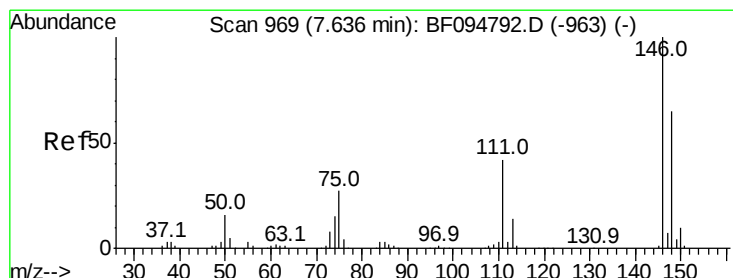
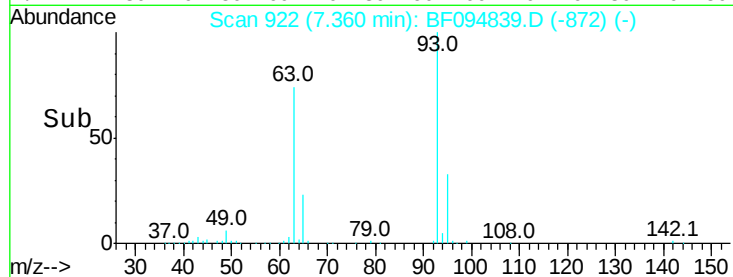
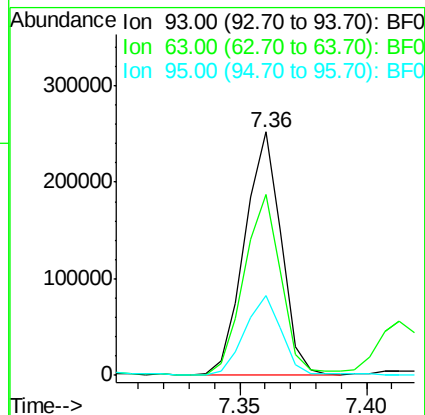
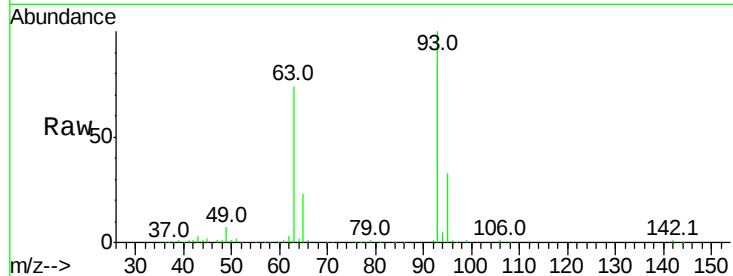
Tot Ion: 93 Resp: 250962

Ion Ratio Lower Upper

93 100

63 74.1 59.2 99.2

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.20 ng

RT: 7.63 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

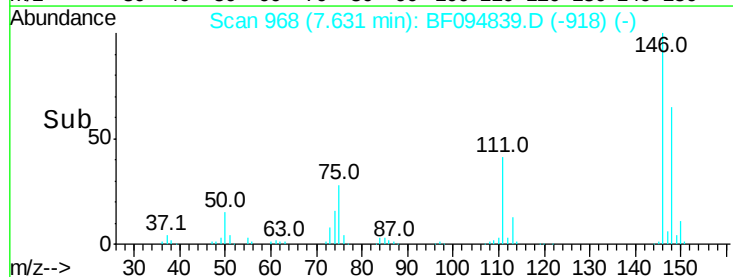
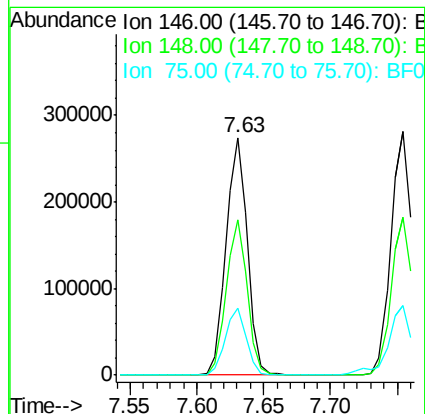
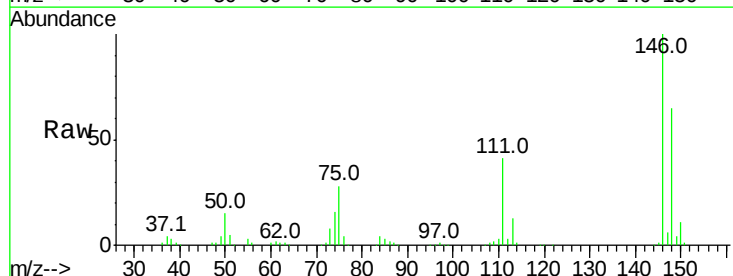
Tgt Ion: 146 Resp: 309090

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.6

75 28.2 23.1 34.7

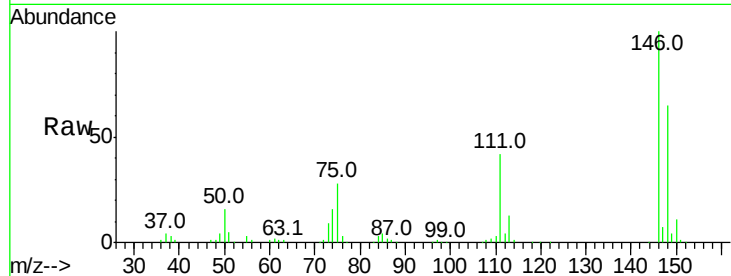




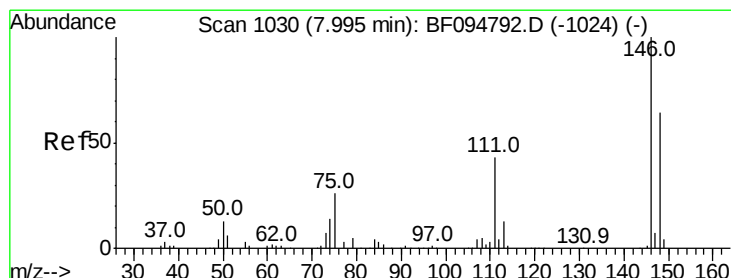
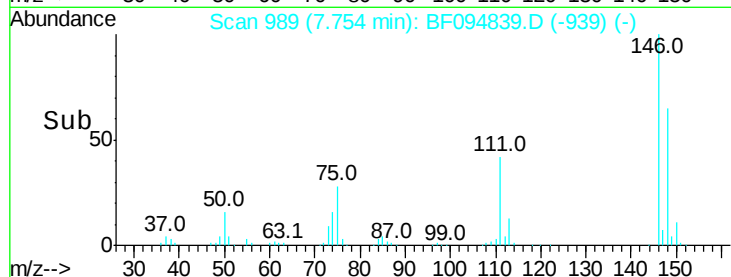
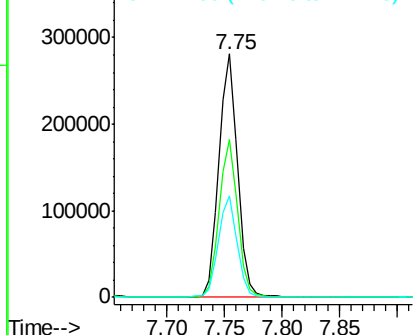
#13
 1,4-Dichlorobenzene
 Concen: 40.70 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 317363
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 41.8 30.3 45.5

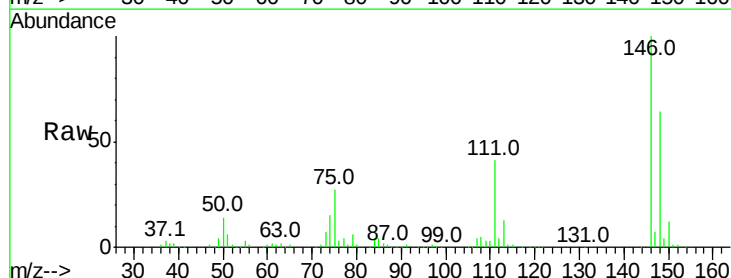


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

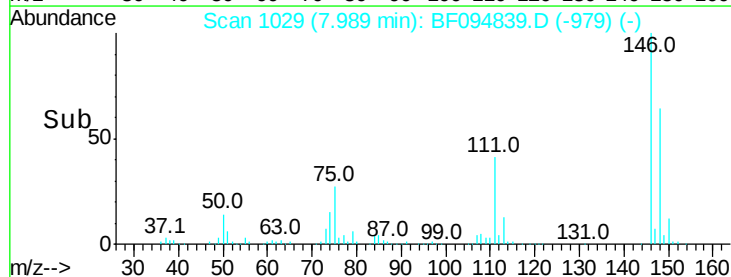
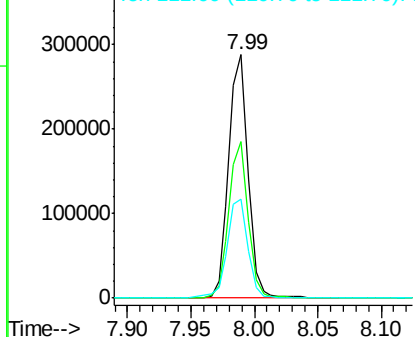


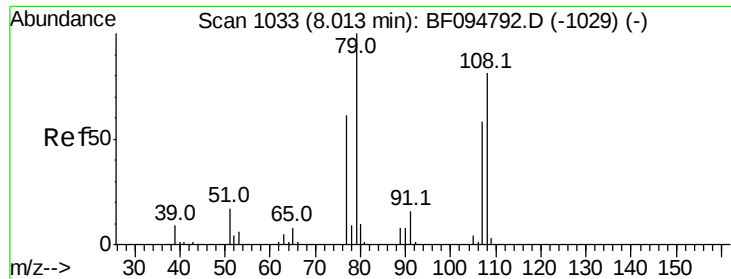
#14
 1,2-Dichlorobenzene
 Concen: 41.80 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:146 Resp: 304257
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 40.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

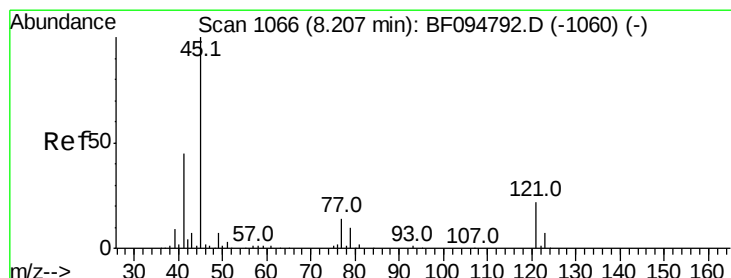
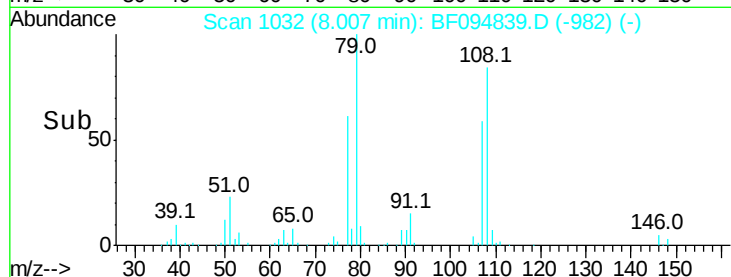
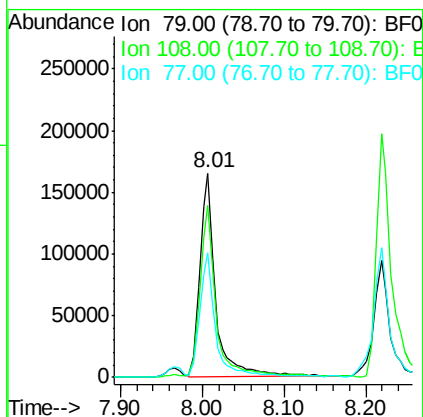
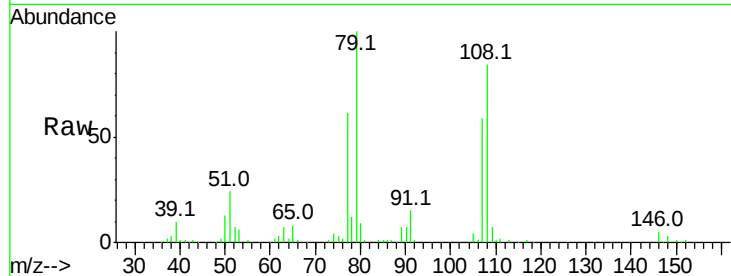




#15
Benzyl Alcohol
Concen: 49.11 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

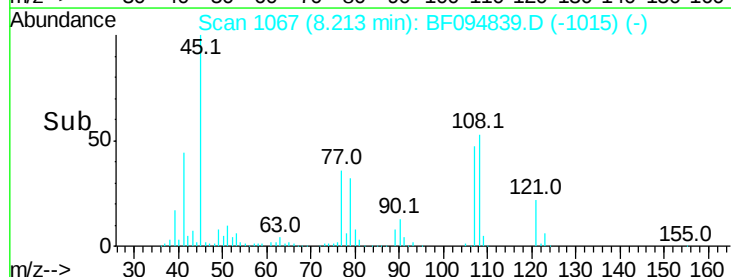
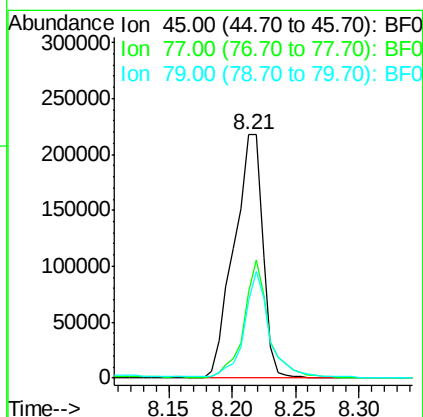
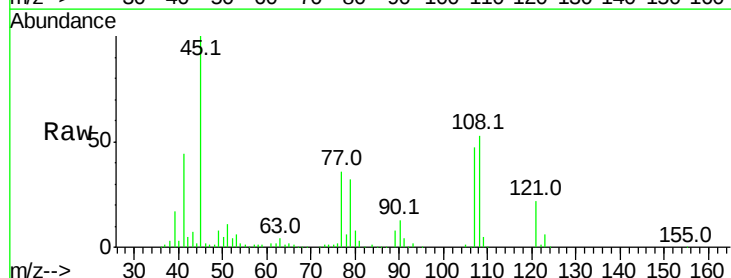
Instrument :
BNA_F
ClientSampled :

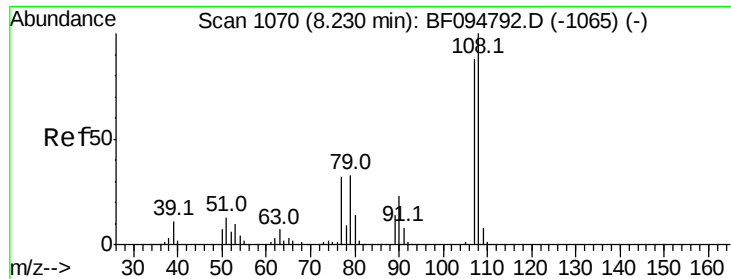
Tot Ion: 79 Resp: 225716
Ion Ratio Lower Upper
79 100
108 84.1 63.4 95.0
77 61.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.00 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion: 45 Resp: 343108
Ion Ratio Lower Upper
45 100
77 35.6 0.0 33.2#
79 31.6 0.0 30.0#





#17

2-Methylphenol

Concen: 41.03 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 227627

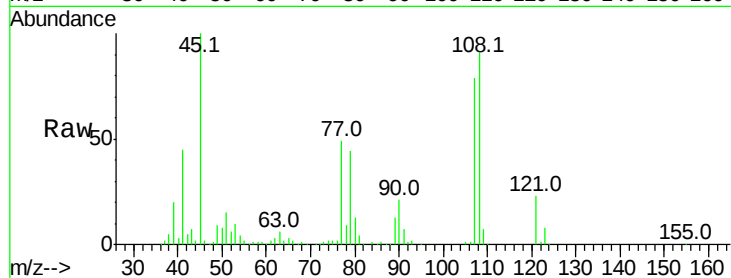
Ion Ratio Lower Upper

107 100

108 115.3 93.4 140.0

77 61.7 35.8 53.6#

79 55.6 34.8 52.2#

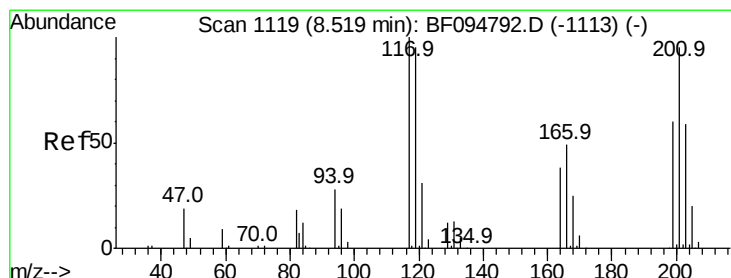
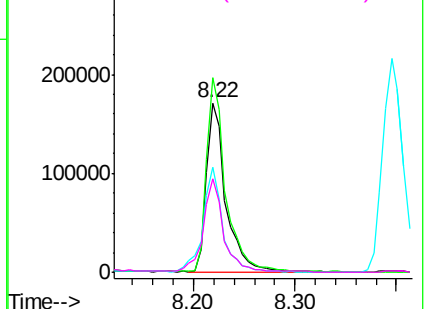
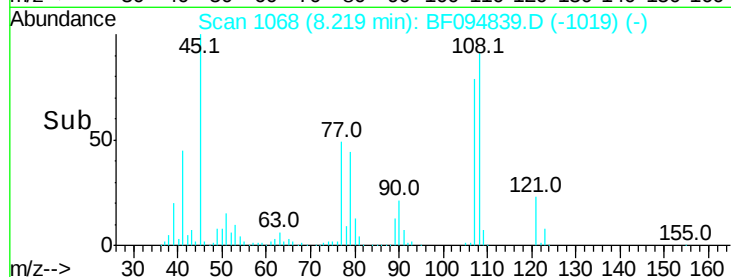


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.67 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

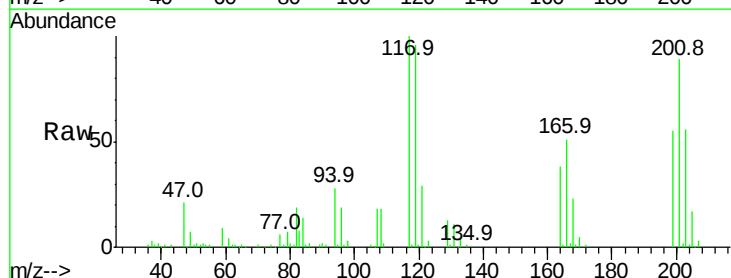
Tgt Ion:117 Resp: 110079

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

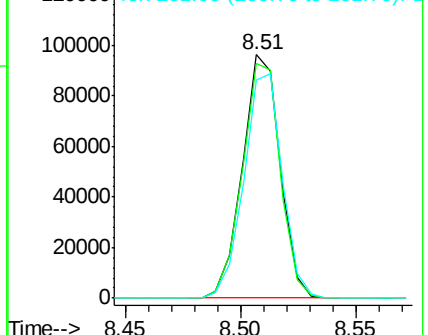
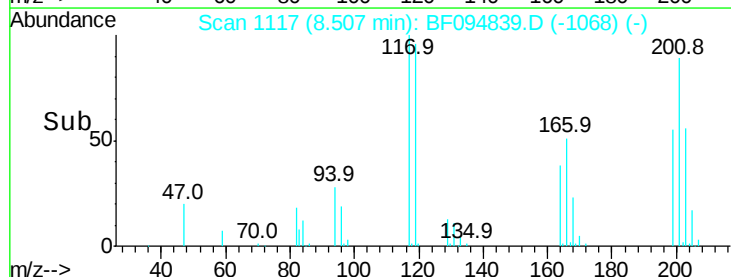
201 89.5 94.6 141.8#

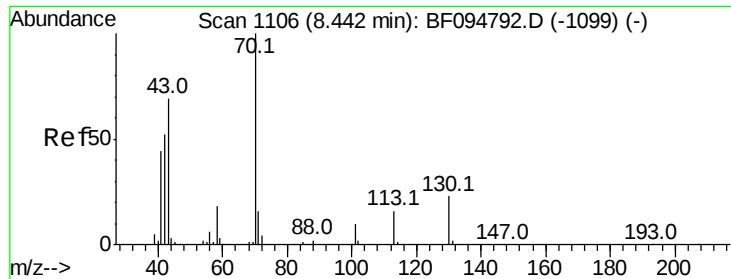


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

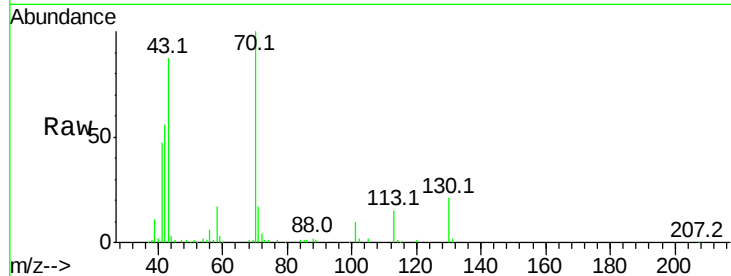




#19
n-Nitroso-di-n-propylamine
Concen: 42.14 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	203666
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.2	70.8
101	9.8	7.2	10.8
130	21.1	15.9	23.9



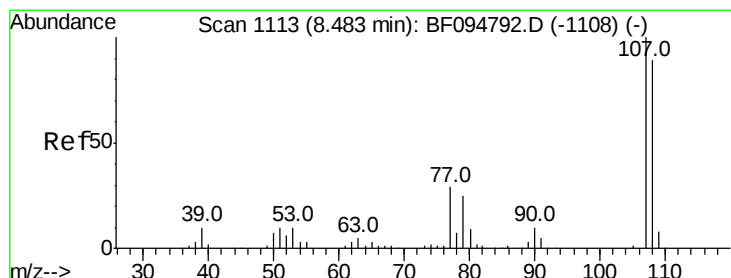
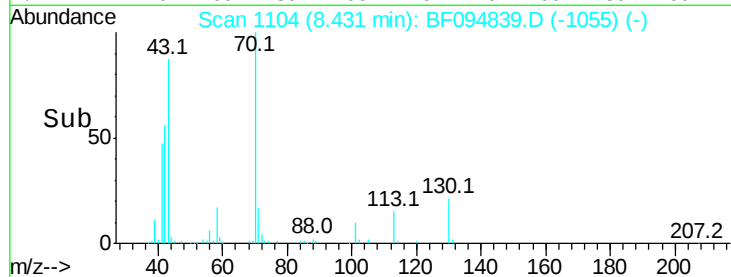
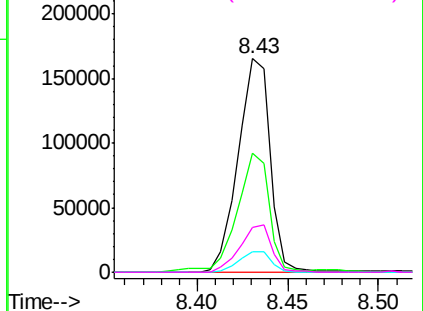
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

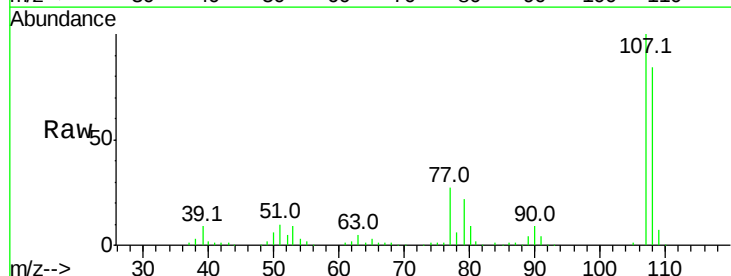
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.19 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion:	107	Resp:	318032
Ion	Ratio	Lower	Upper
107	100		
108	83.8	71.0	111.0
77	27.0	90.5	130.5#
79	21.6	8.4	48.4



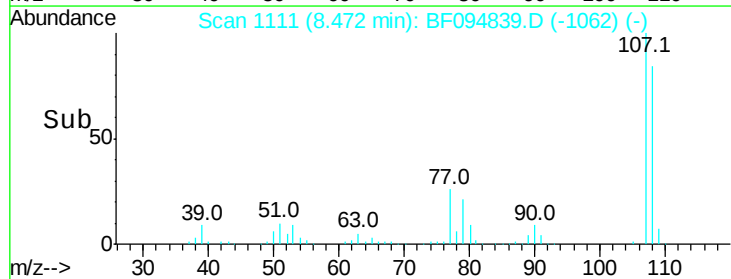
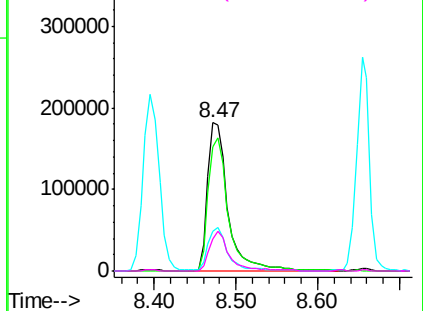
Abundance

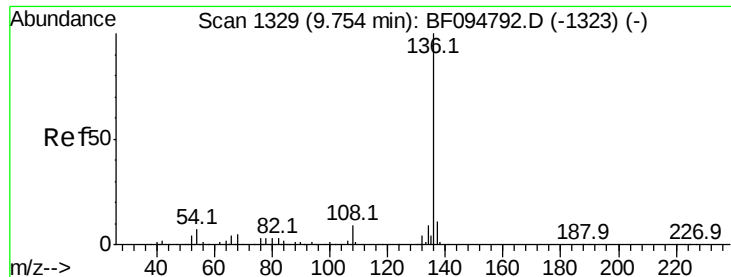
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 429754

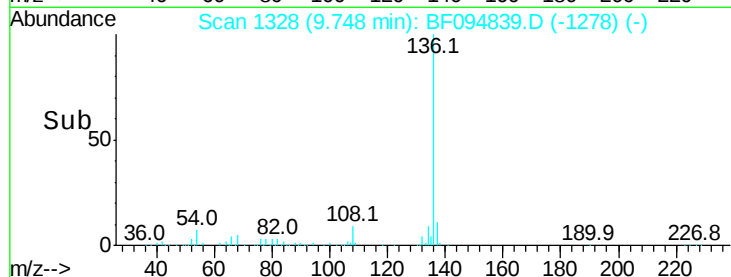
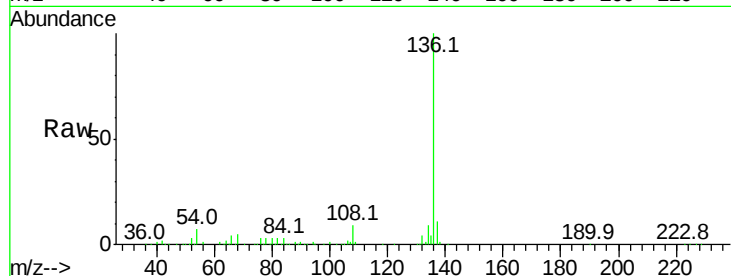
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

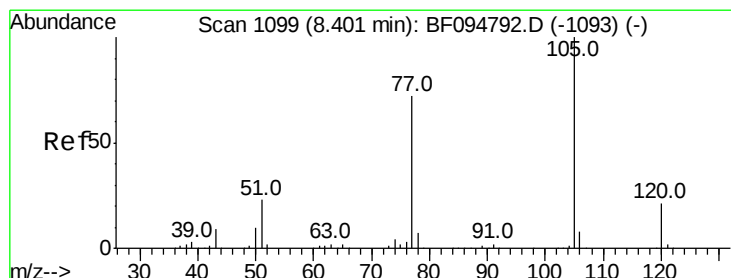
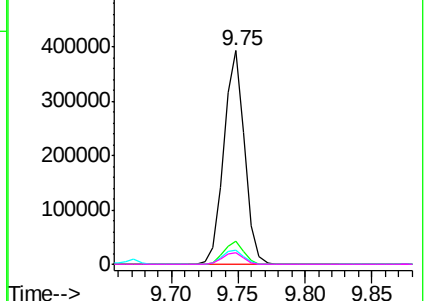


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.73 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Tgt Ion:105 Resp: 419970

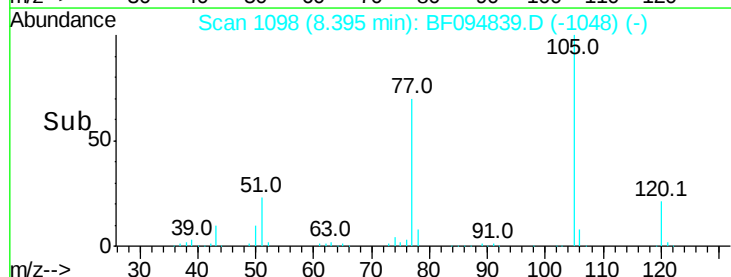
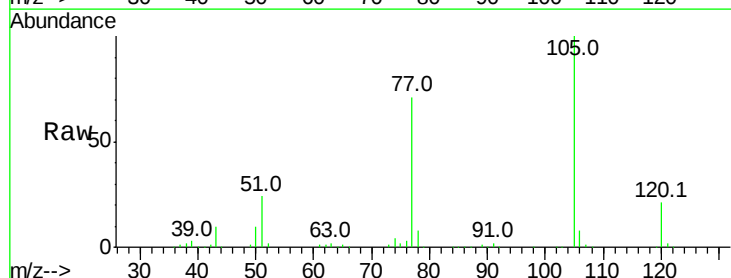
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.7 30.7 46.1#

120 20.9 17.4 26.0

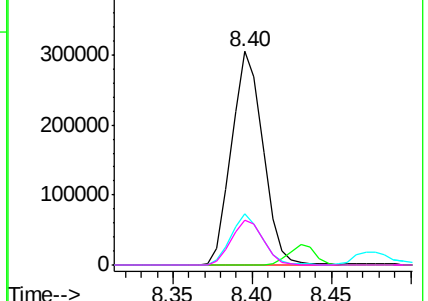


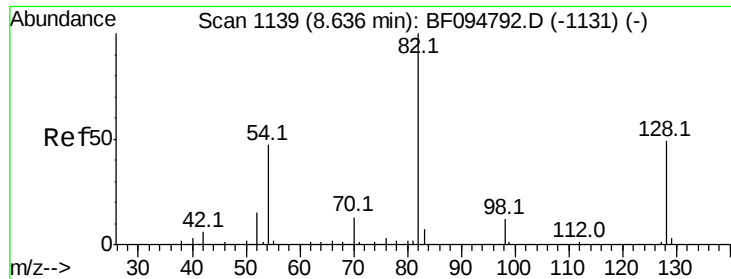
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

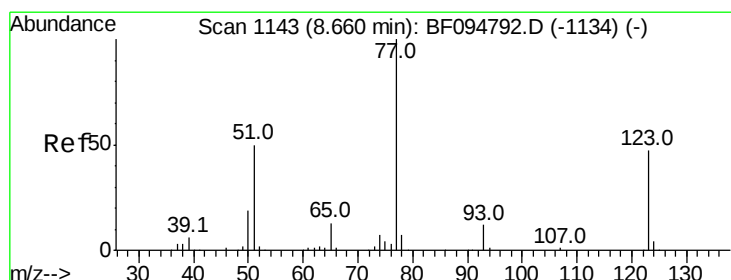
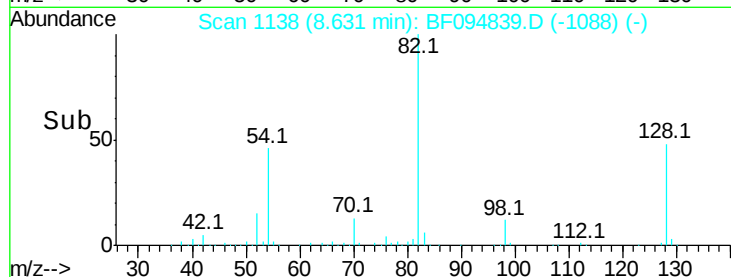
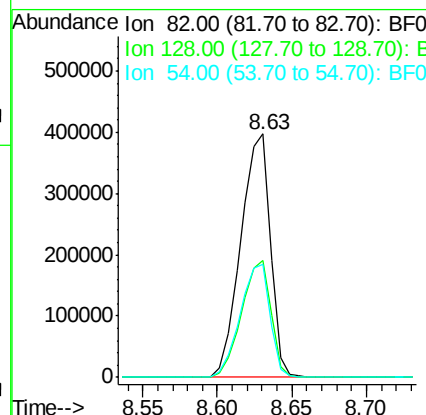
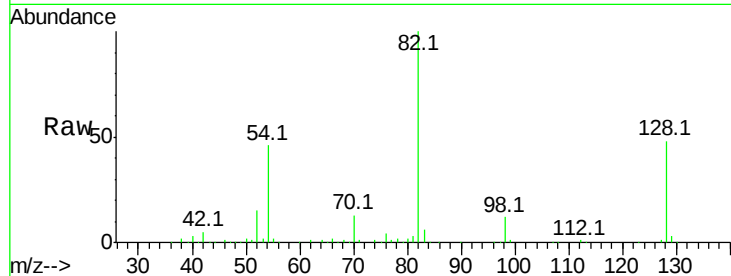




#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

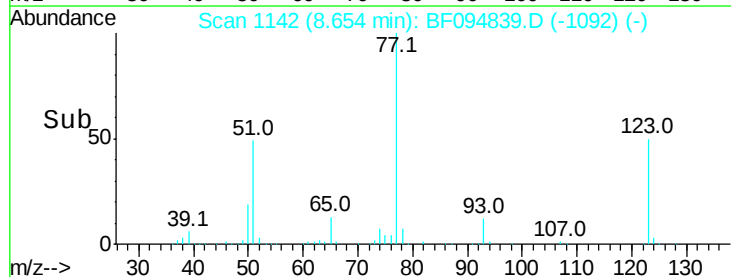
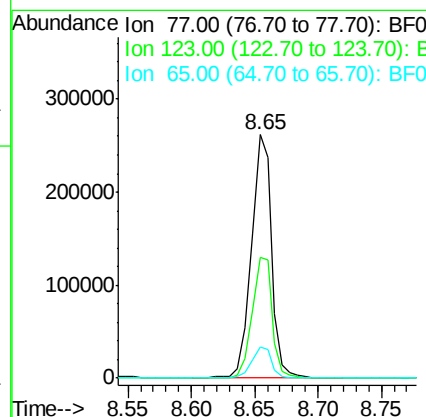
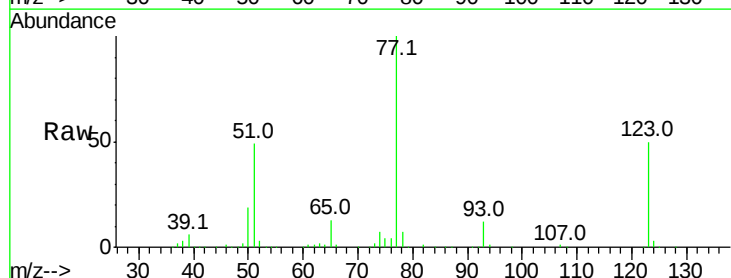
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	547906
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.2	42.2	63.2



#24
Nitrobenzene
Concen: 40.20 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion	77	Resp	287198
Ion	Ratio	Lower	Upper
77	100		
123	49.7	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 43.06 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

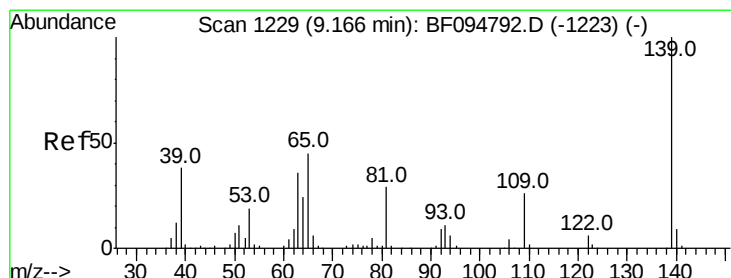
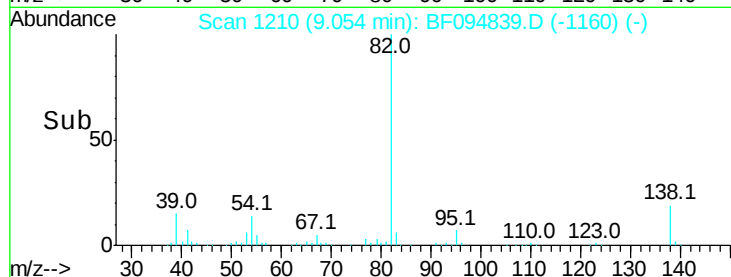
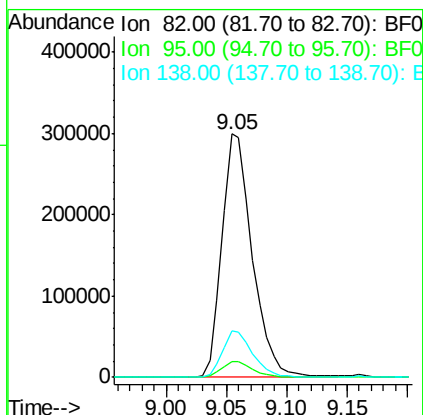
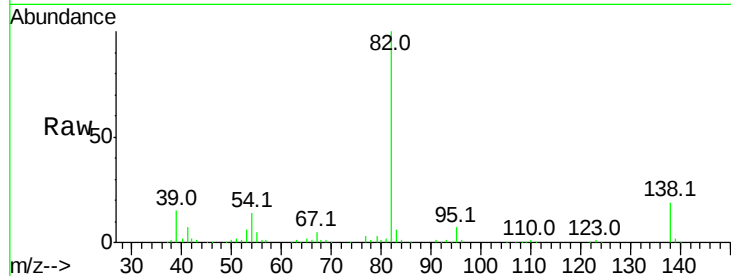
Tot Ion: 82 Resp: 524039

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 42.46 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

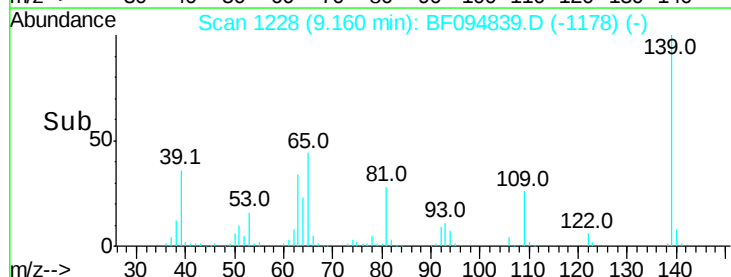
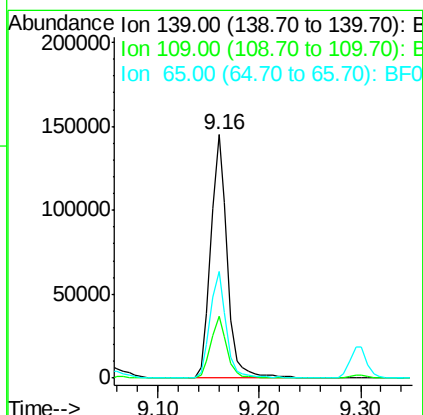
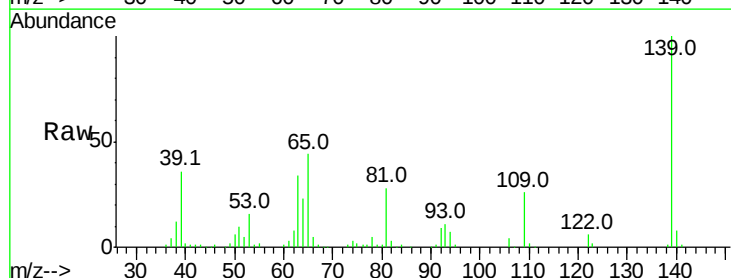
Tgt Ion: 139 Resp: 163677

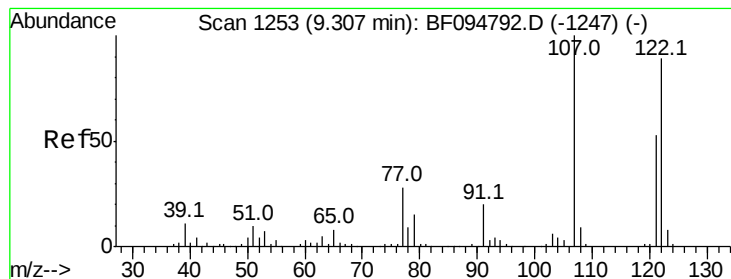
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 43.8 33.0 49.6

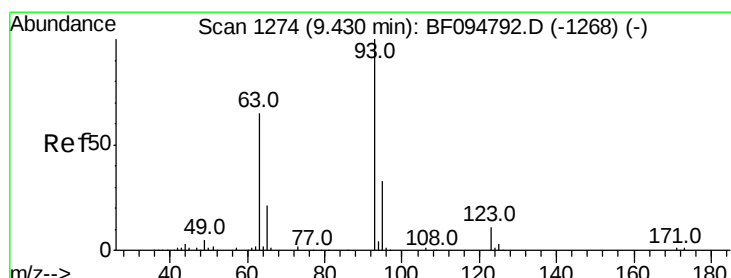
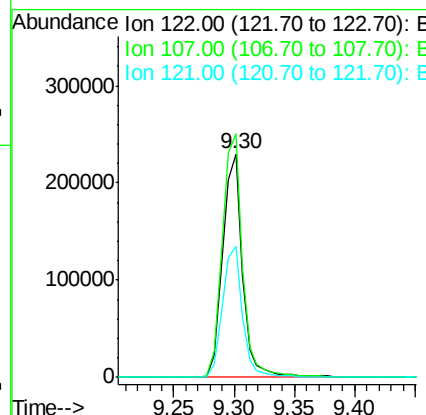
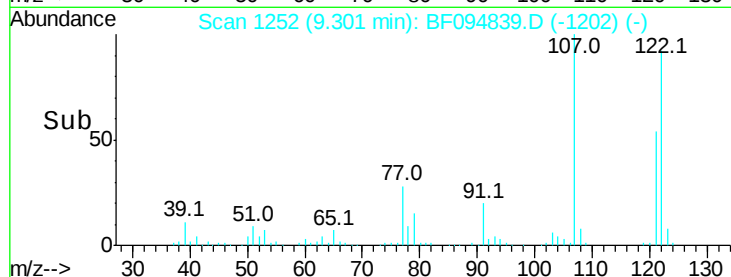
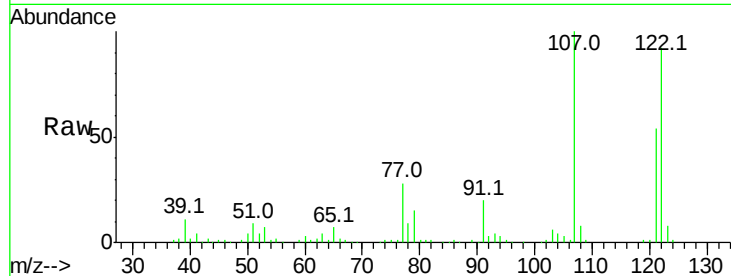




#27
 2,4-Dimethylphenol
 Concen: 41.79 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

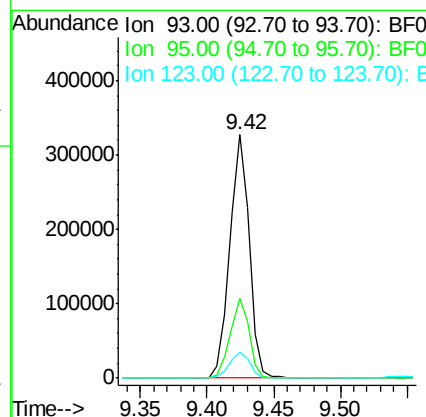
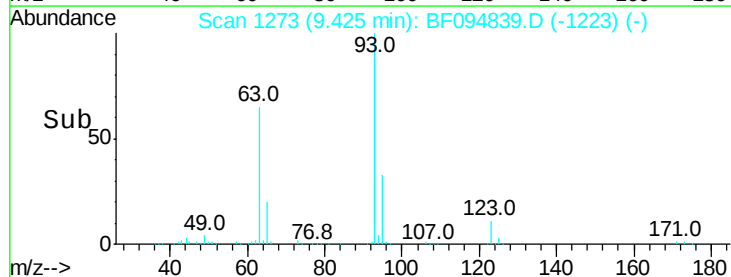
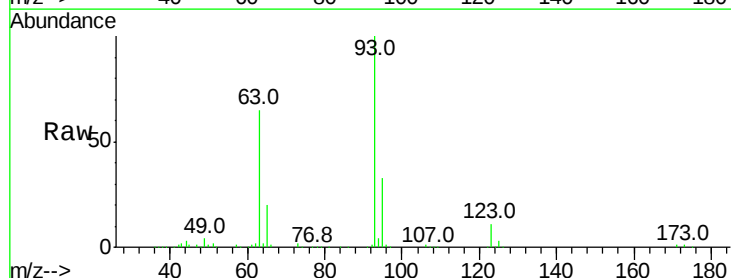
Instrument :
 BNA_F
 ClientSampleId :

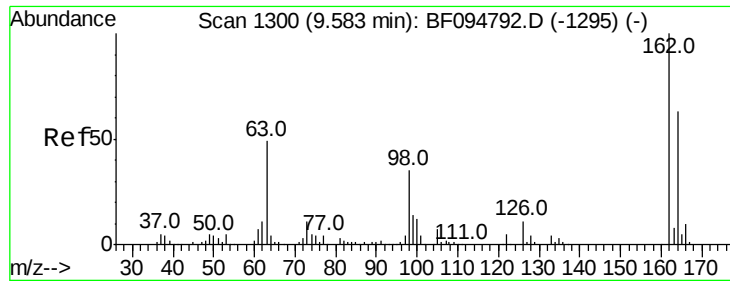
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	89.2	133.8
121	58.4	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.13 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.8	9.0	13.4

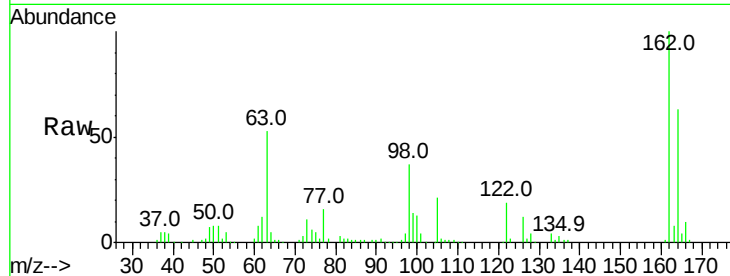




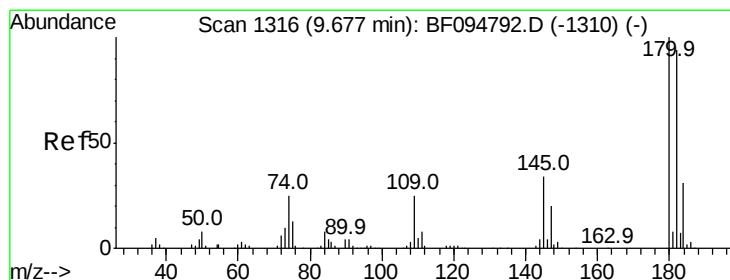
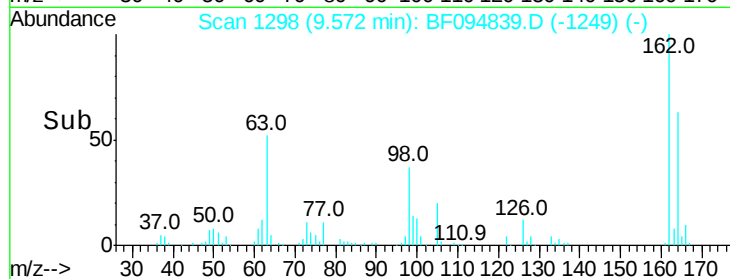
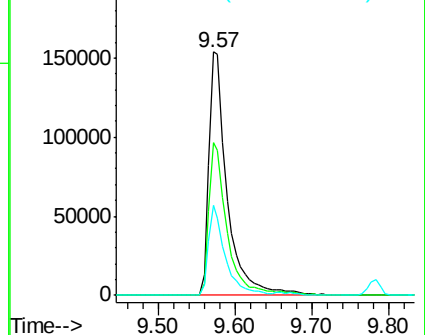
#29
 2,4-Dichlorophenol
 Concen: 42.72 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	36.9	14.8	54.8

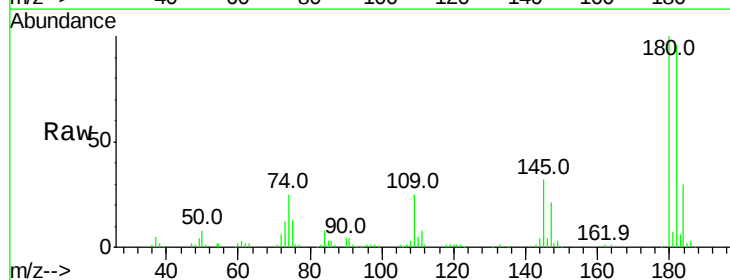


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

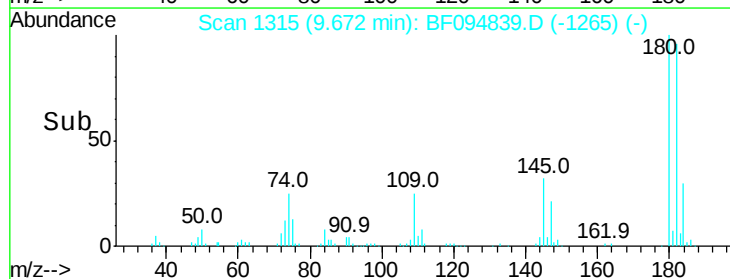
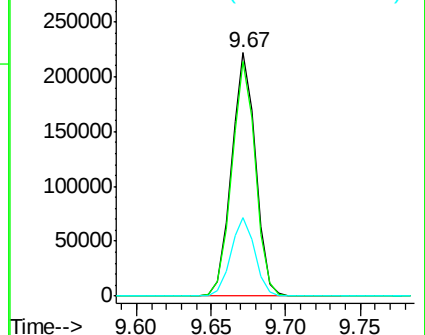


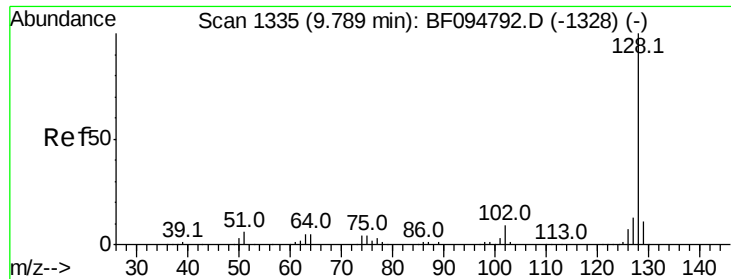
#30
 1,2,4-Trichlorobenzene
 Concen: 39.86 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	32.2	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

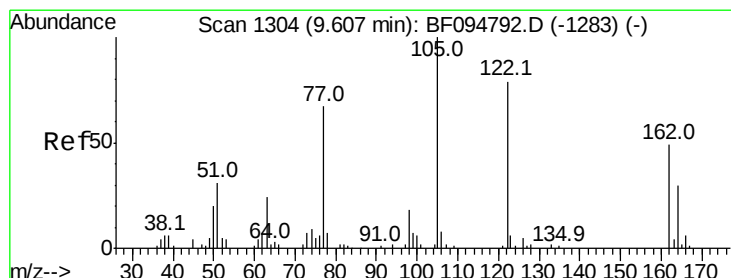
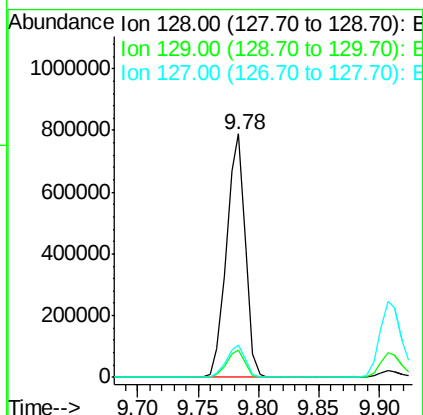
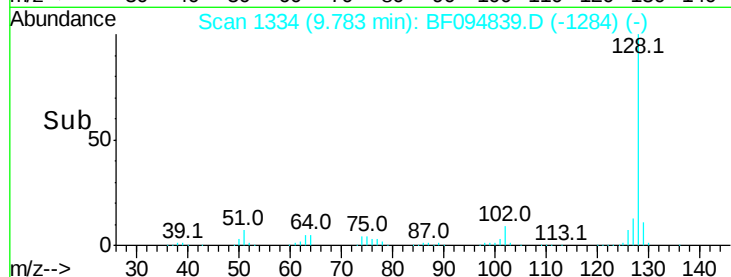
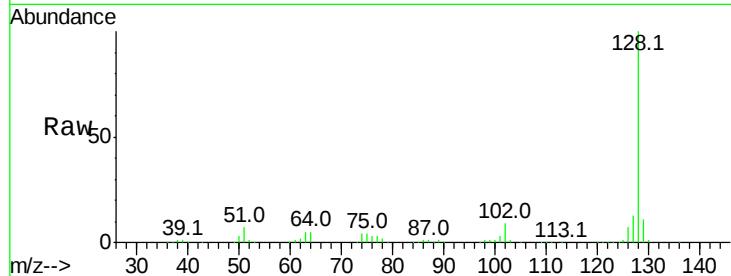




#31
Naphthalene
Concen: 39.22 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

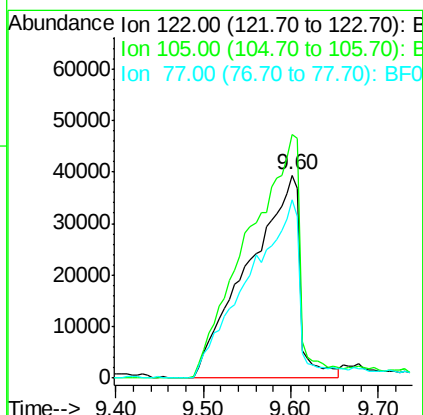
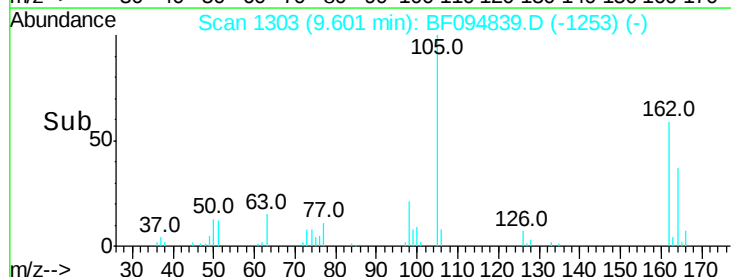
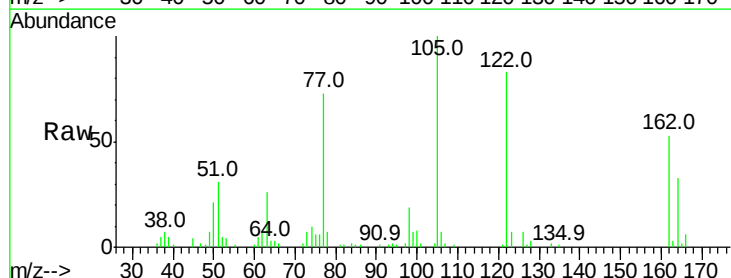
Instrument :
BNA_F
ClientSampled :

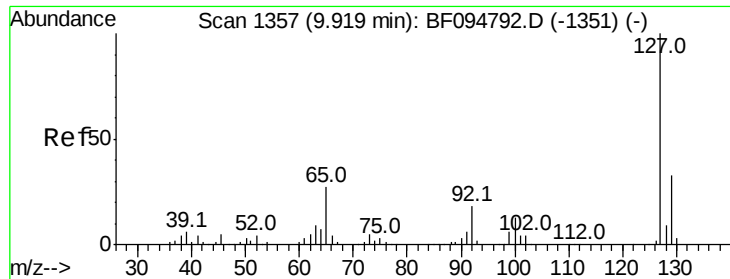
Tot Ion:128 Resp: 847066
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 40.05 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion:122 Resp: 160034
Ion Ratio Lower Upper
122 100
105 119.9 103.3 143.3
77 87.7 73.7 113.7

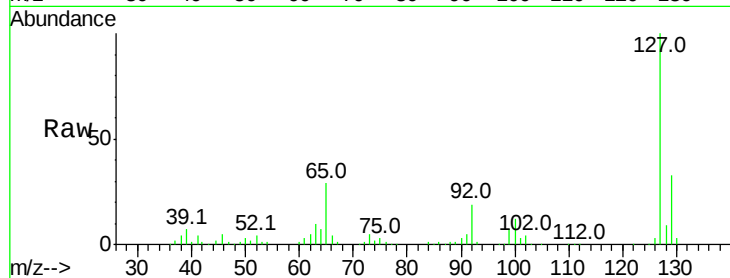




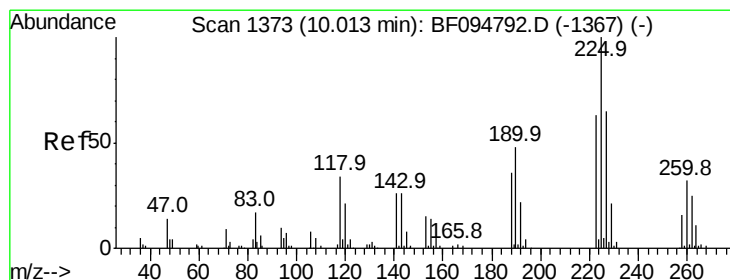
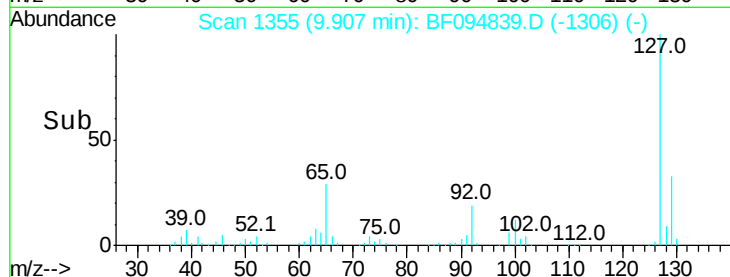
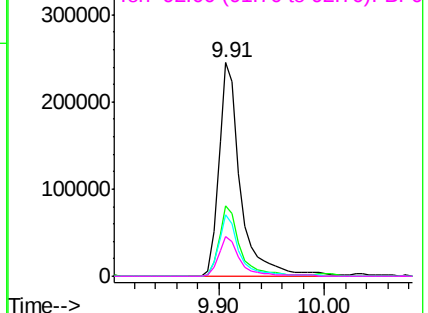
#33
 4-Chloroaniline
 Concen: 43.57 ng
 RT: 9.91 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	350706
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	28.6	27.8	41.8
92	18.6	16.8	25.2

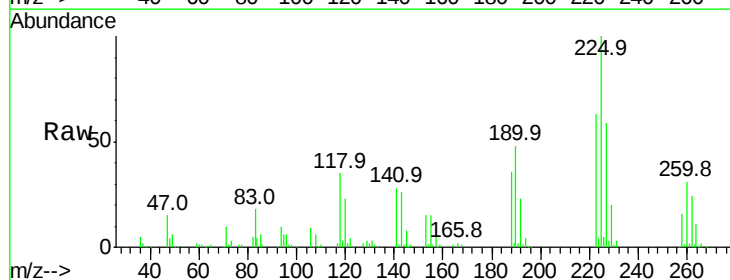


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

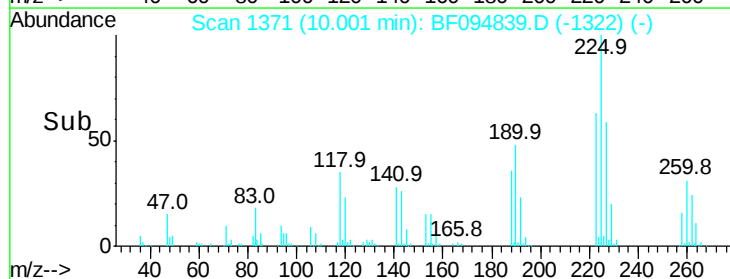
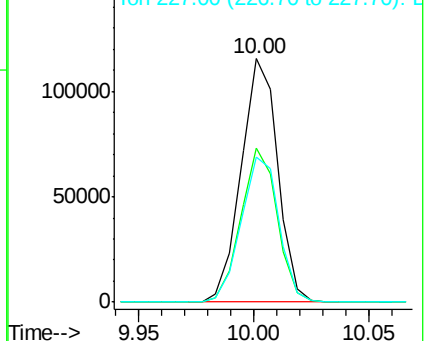


#34
 Hexachlorobutadiene
 Concen: 38.34 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:	225	Resp:	127548
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	59.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.64 ng

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

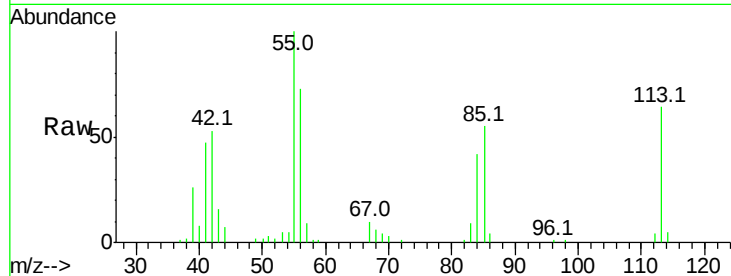
Tot Ion:113 Resp: 57678

Ion Ratio Lower Upper

113 100

55 156.5 150.2 190.2

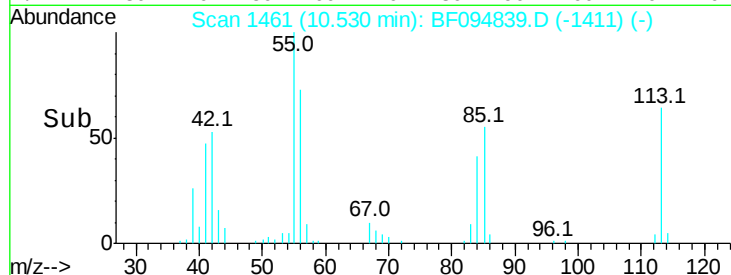
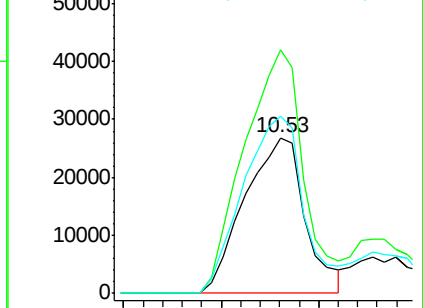
56 113.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.65 ng

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

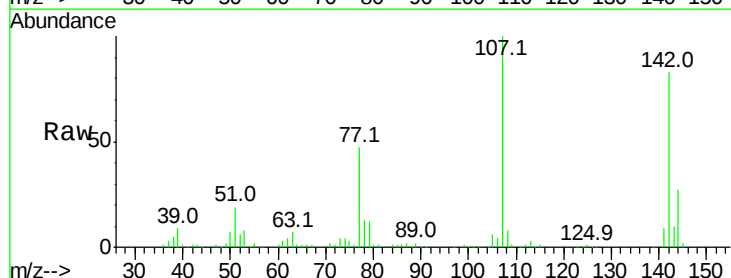
Tgt Ion:107 Resp: 255726

Ion Ratio Lower Upper

107 100

144 26.8 24.2 36.4

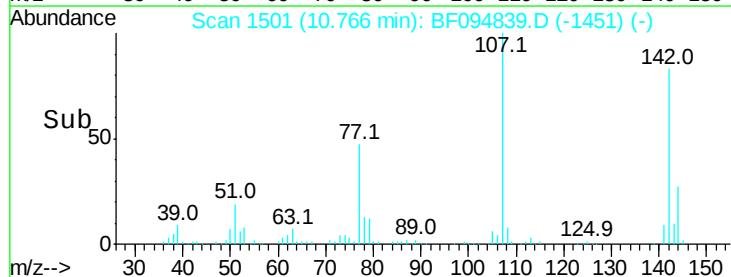
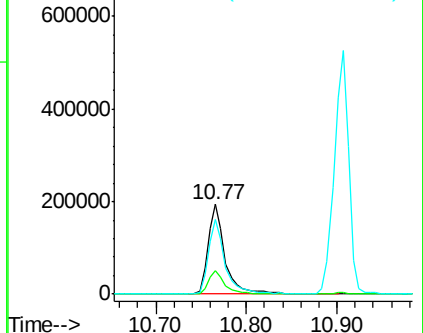
142 82.9 73.4 110.0

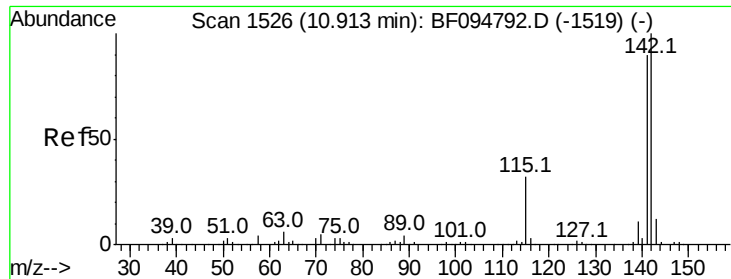


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

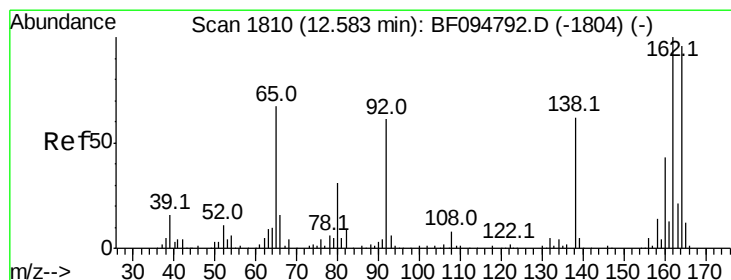
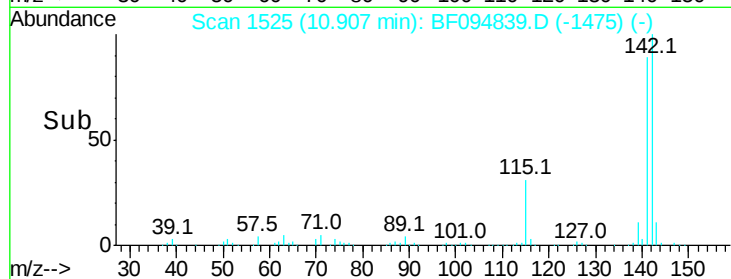
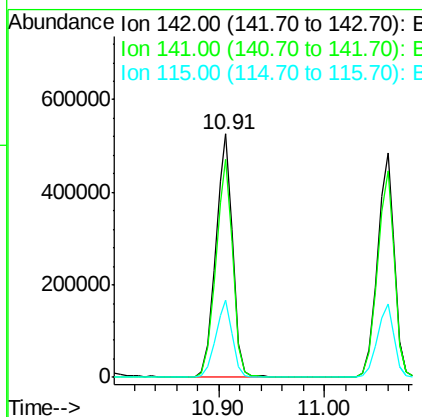
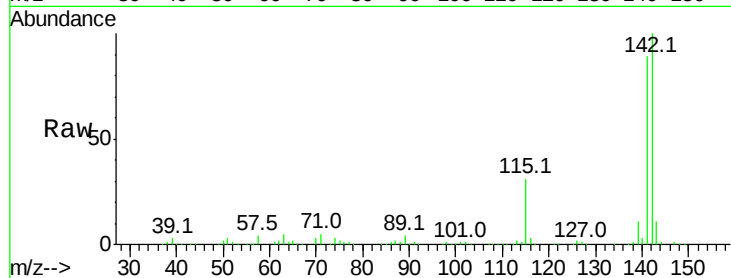




#37
 2-Methylnaphthalene
 Concen: 42.07 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

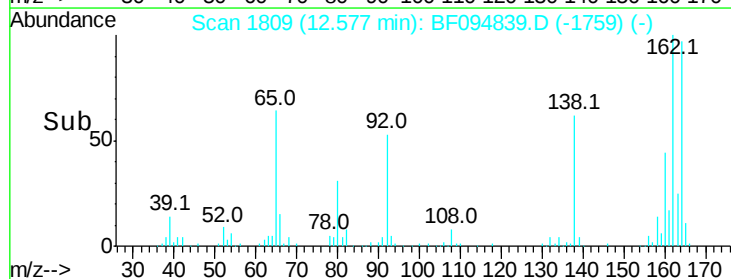
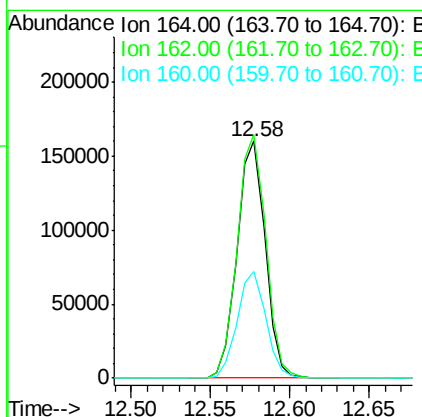
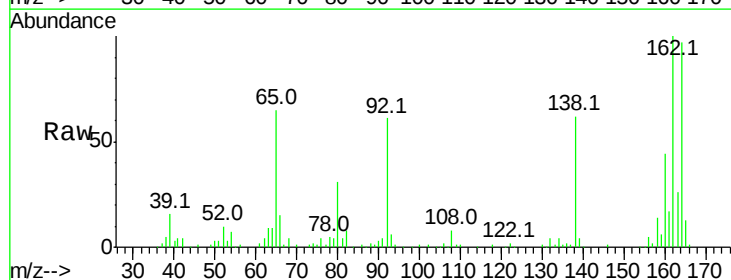
Instrument :
 BNA_F
 ClientSampleId :

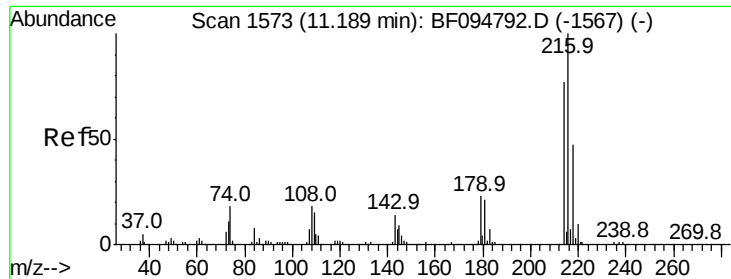
Tot Ion:142 Resp: 596376
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 31.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:164 Resp: 196399
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.0 36.2 54.2

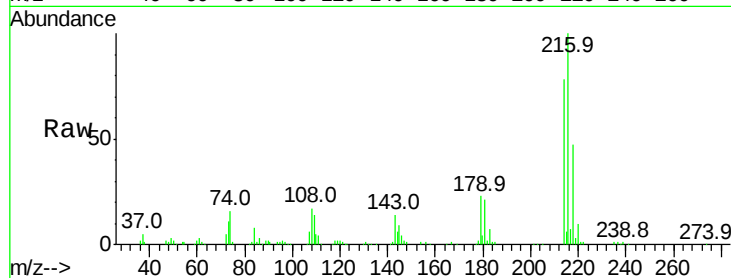




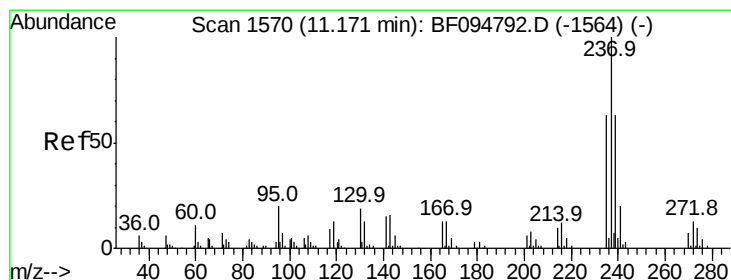
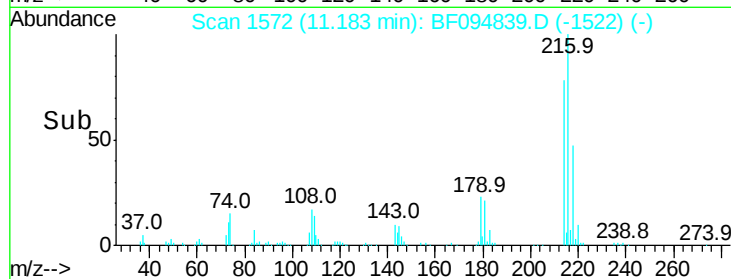
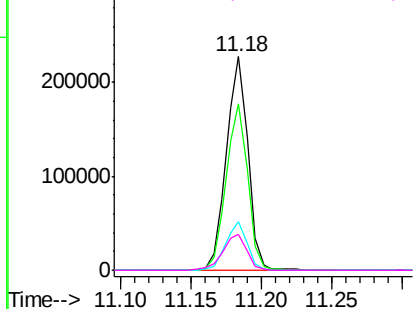
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.02 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	241738
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.2
179	22.2	17.9	26.9
108	19.0	16.5	24.7

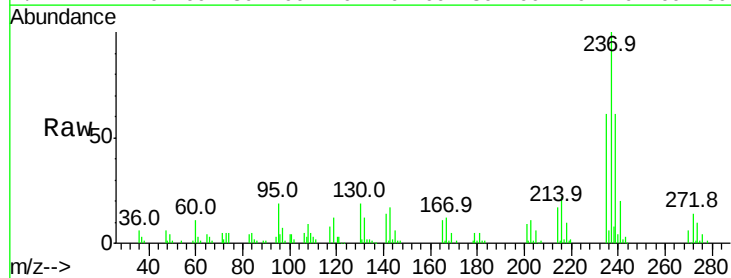


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

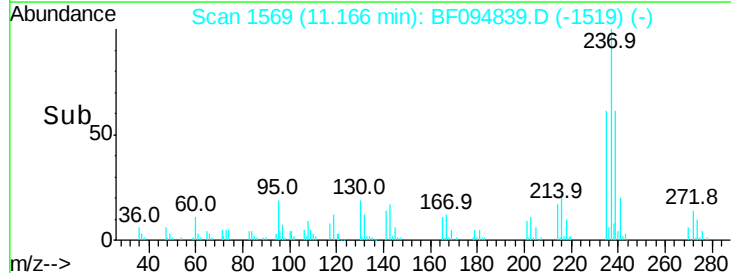
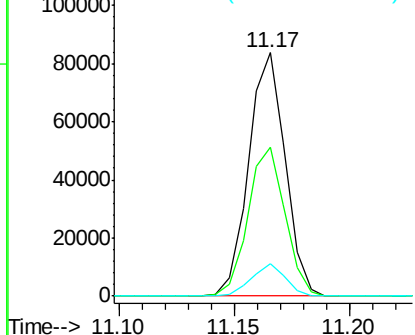


#40
 Hexachlorocyclopentadiene
 Concen: 39.66 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:	237	Resp:	92324
Ion	Ratio	Lower	Upper
237	100		
235	61.3	42.6	82.6
272	13.5	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 83.09 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampled :

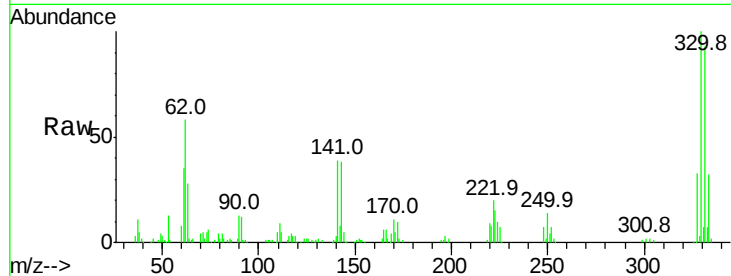
Tot Ion:330 Resp: 133638

Ion Ratio Lower Upper

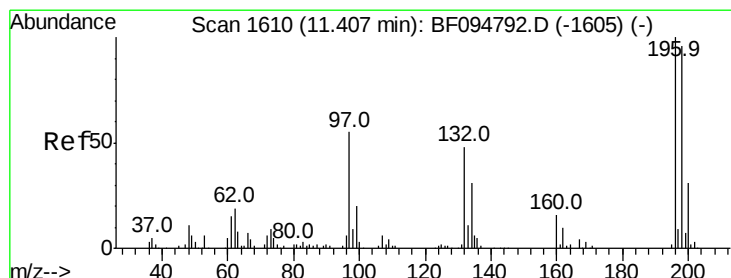
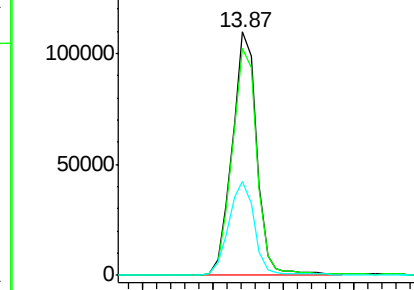
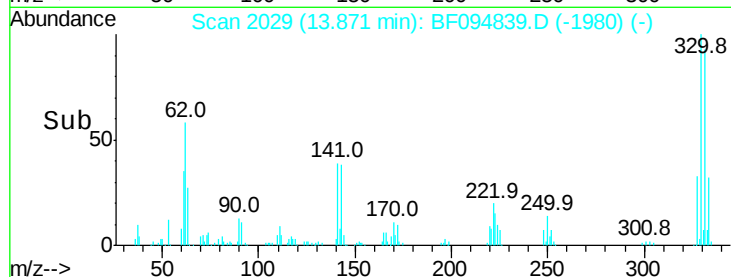
330 100

332 95.5 76.6 115.0

141 40.3 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.93 ng

RT: 11.40 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

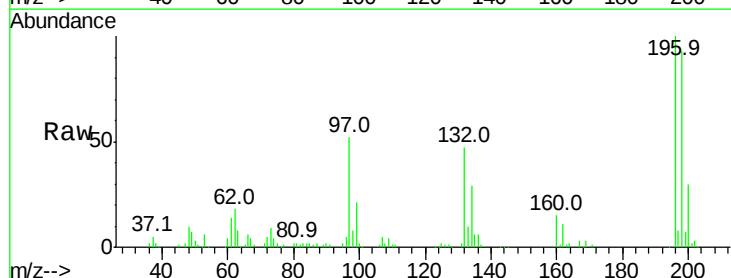
Tgt Ion:196 Resp: 165073

Ion Ratio Lower Upper

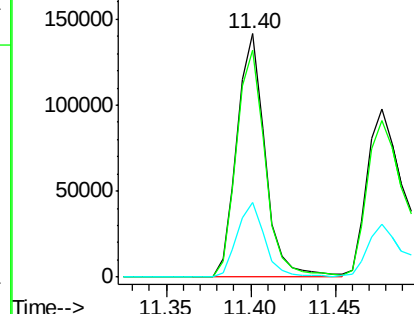
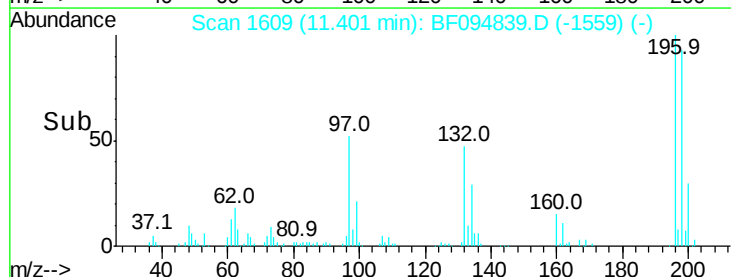
196 100

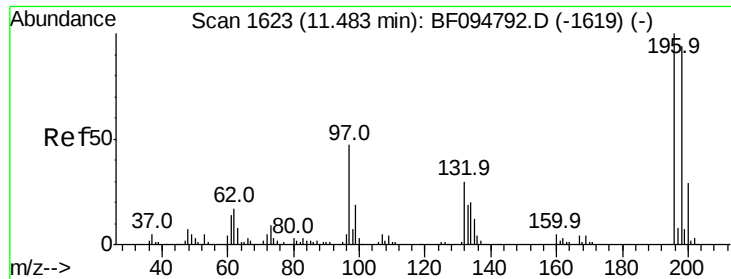
198 93.2 74.2 111.4

200 30.4 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

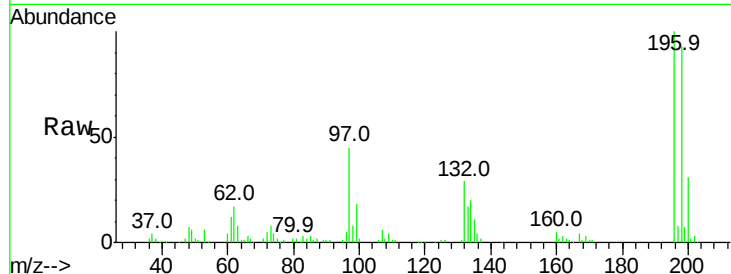




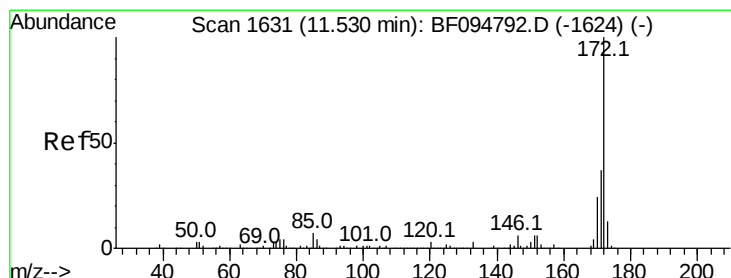
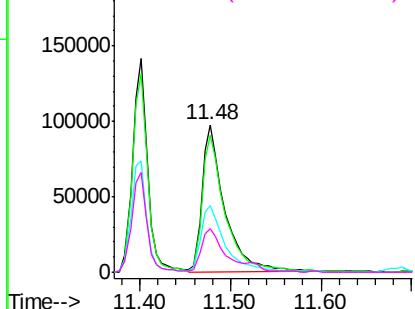
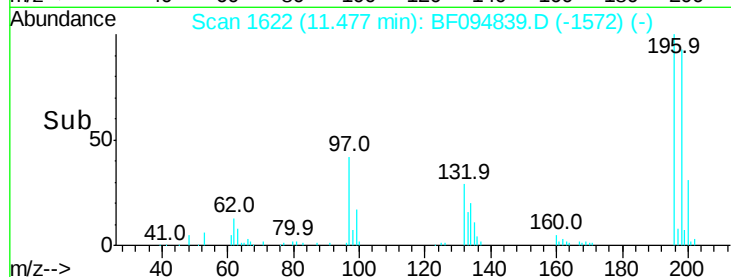
#43
 2,4,5-Trichlorophenol
 Concen: 39.11 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 169498
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 97 45.4 47.7 71.5#
 132 29.1 28.0 42.0

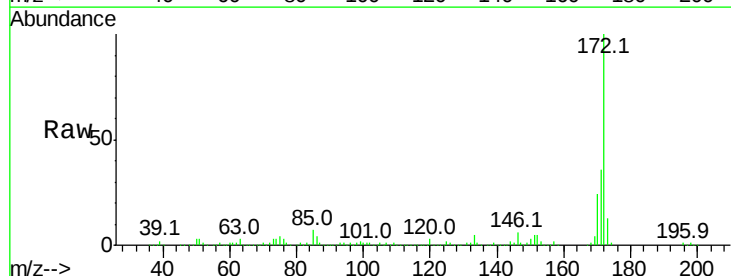


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

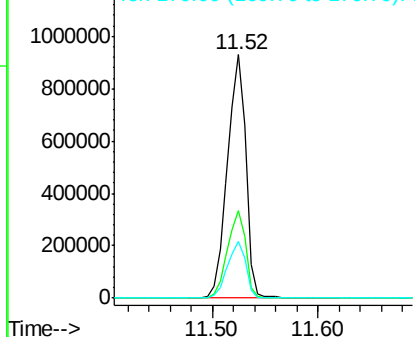
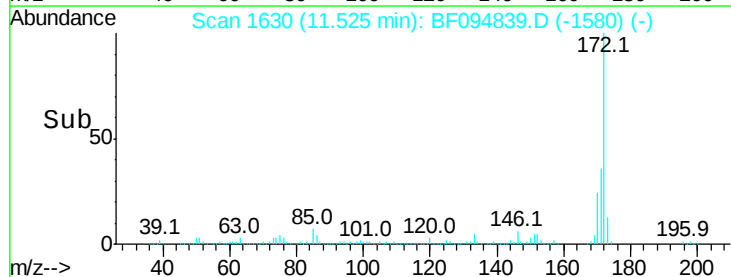


#44
 2-Fluorobiphenyl
 Concen: 81.99 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:172 Resp: 1118707
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

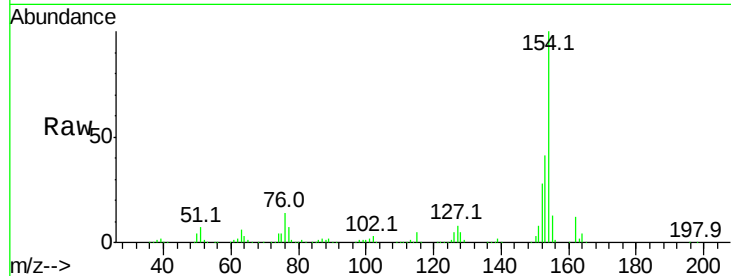




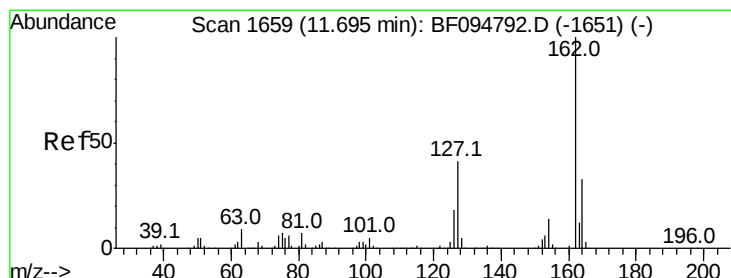
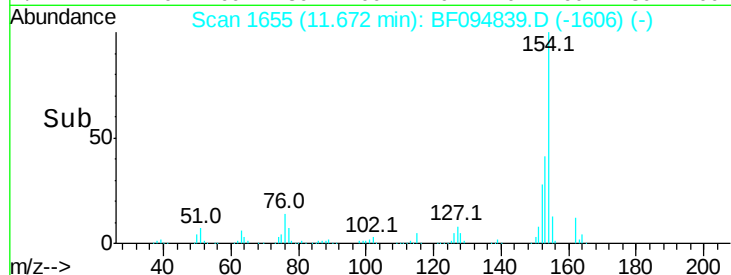
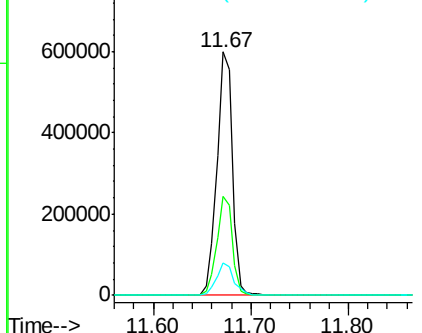
#45
 1,1'-Biphenyl
 Concen: 40.20 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 664729
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 13.5 0.0 29.9

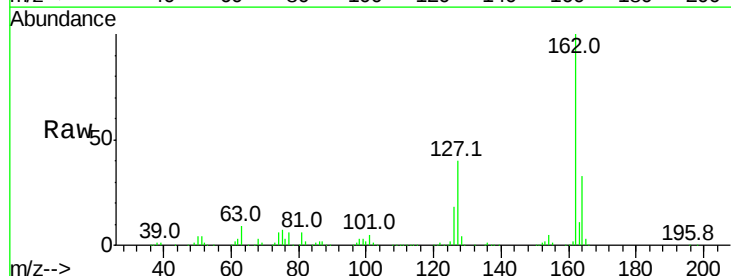


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

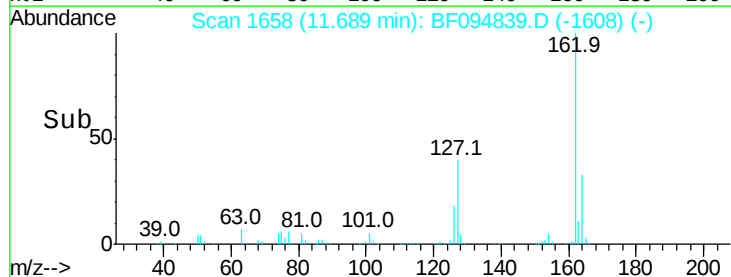
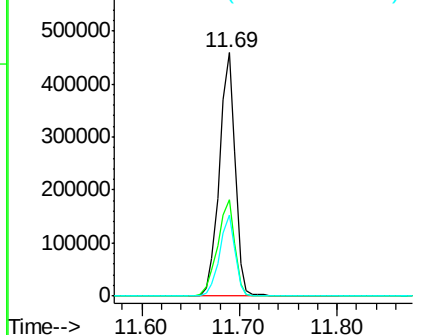


#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:162 Resp: 517097
 Ion Ratio Lower Upper
 162 100
 127 39.5 28.3 42.5
 164 33.0 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

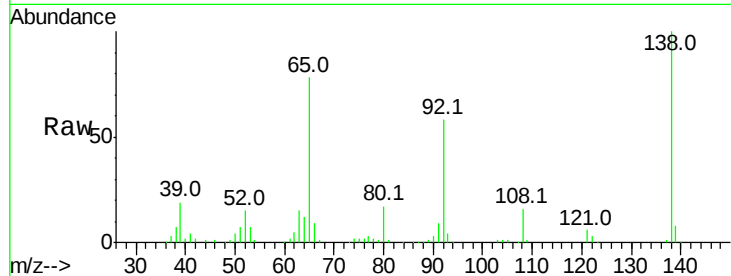




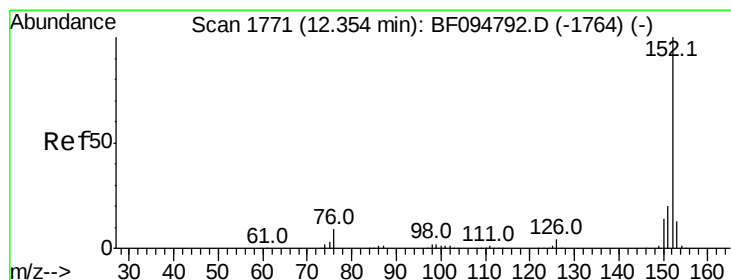
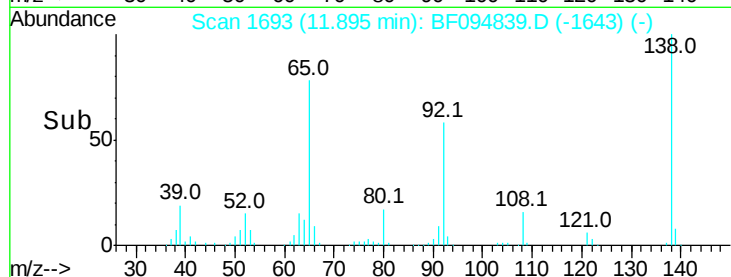
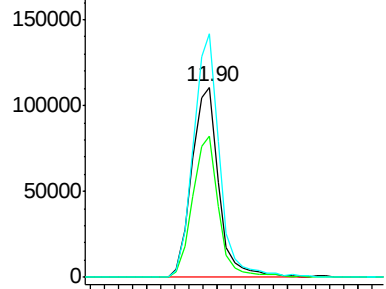
#47
2-Nitroaniline
Concen: 40.30 ng
RT: 11.90 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 147268
Ion Ratio Lower Upper
65 100
92 74.0 53.9 80.9
138 127.8 78.8 118.2#

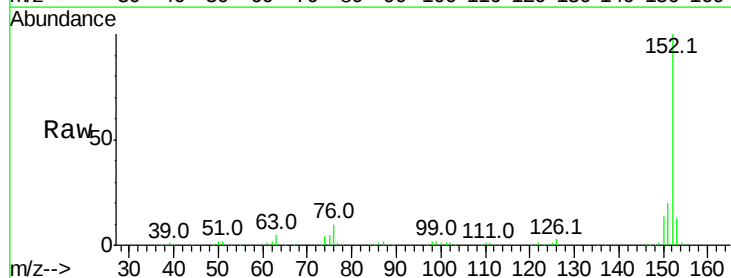


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

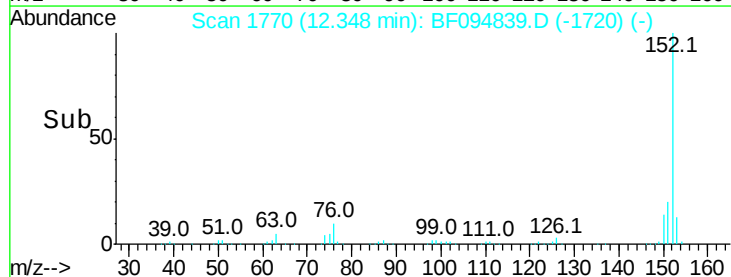
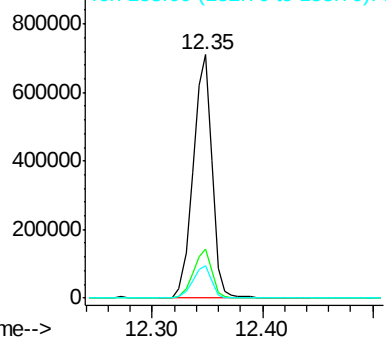


#48
Acenaphthylene
Concen: 40.40 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion: 152 Resp: 844987
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.13 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

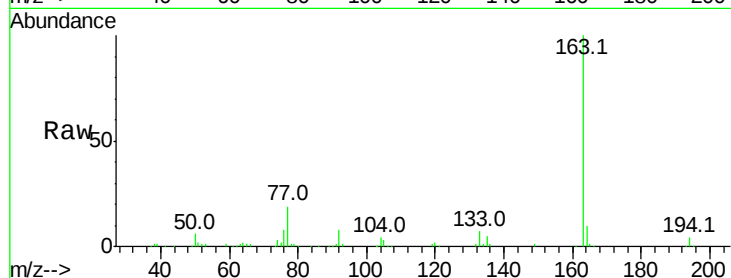
Tot Ion:163 Resp: 614775

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

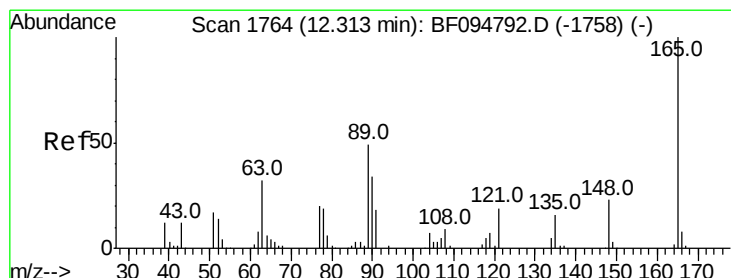
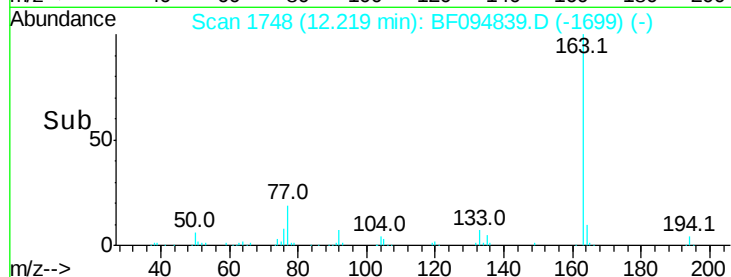
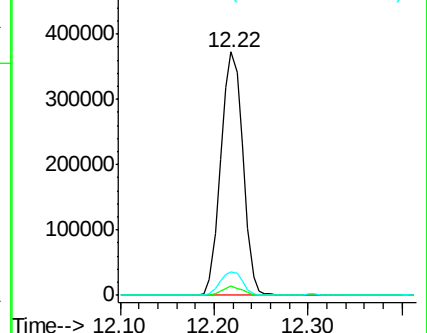
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.11 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

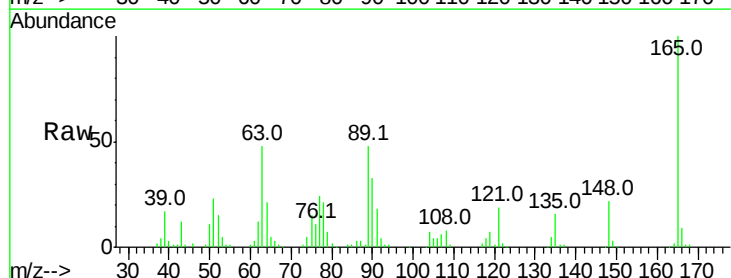
Tgt Ion:165 Resp: 135219

Ion Ratio Lower Upper

165 100

63 48.2 34.3 51.5

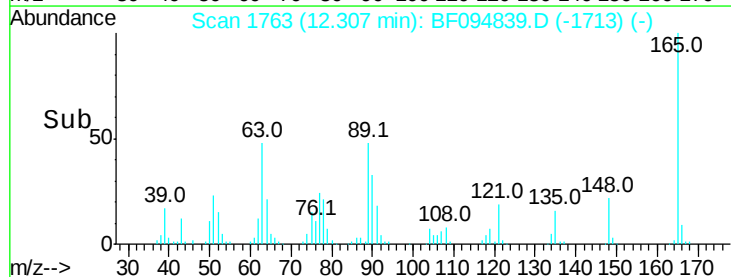
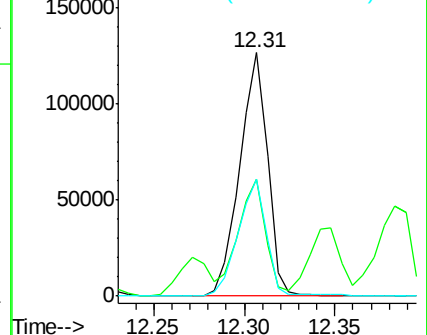
89 47.9 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.82 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

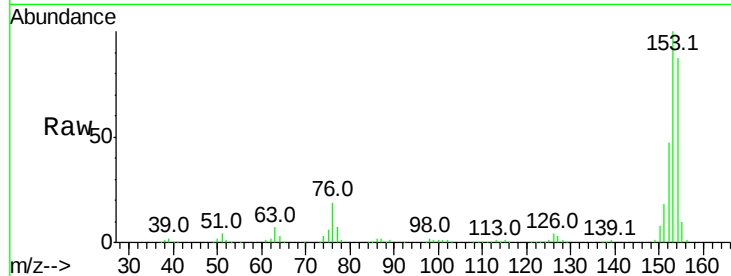
Tot Ion:154 Resp: 497399

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

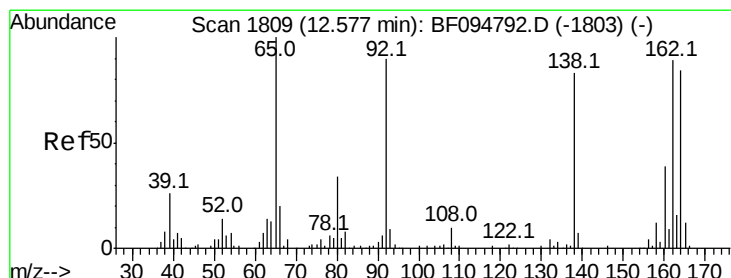
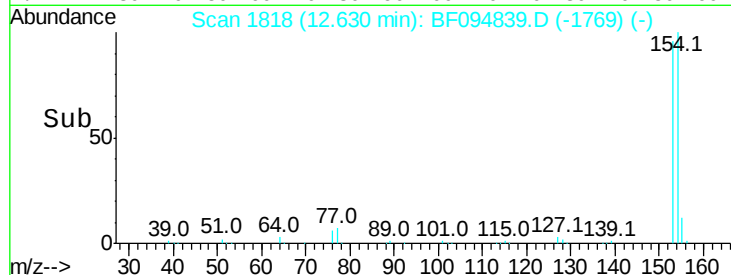
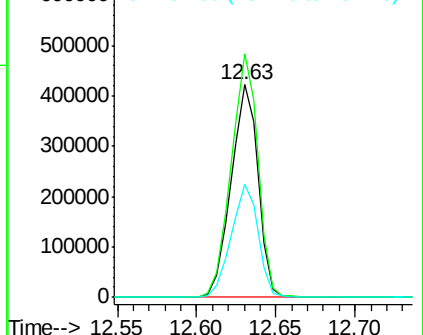
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.70 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

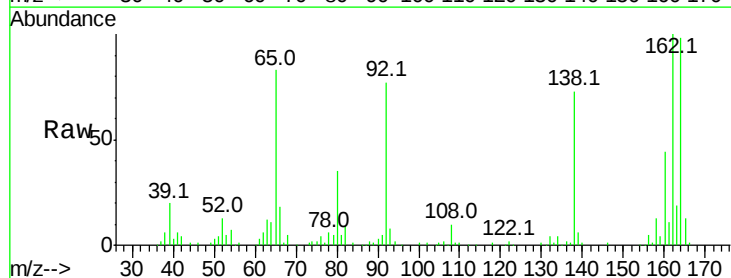
Tgt Ion:138 Resp: 147220

Ion Ratio Lower Upper

138 100

108 13.4 9.1 13.7

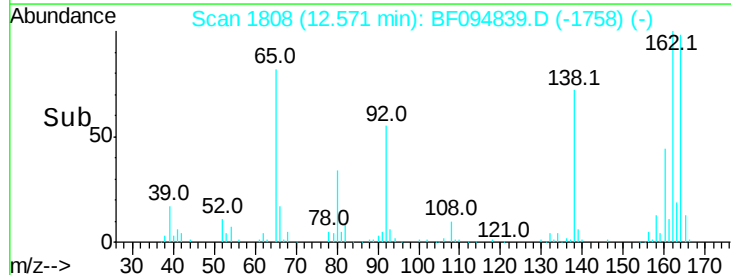
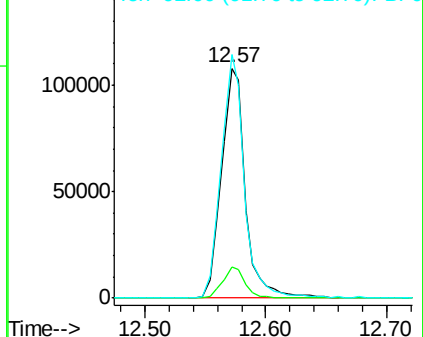
92 105.8 93.8 140.6

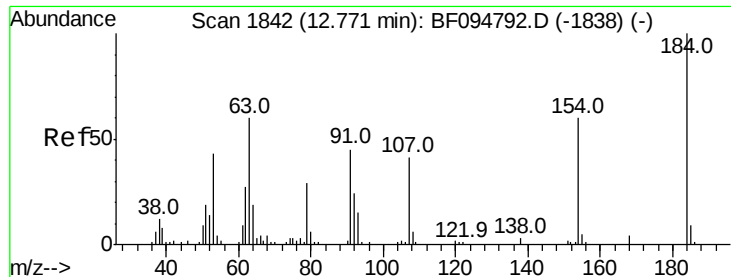


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

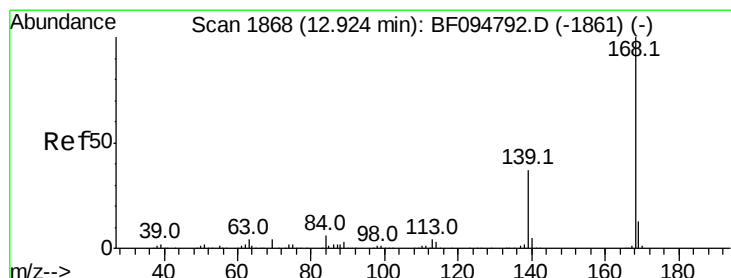
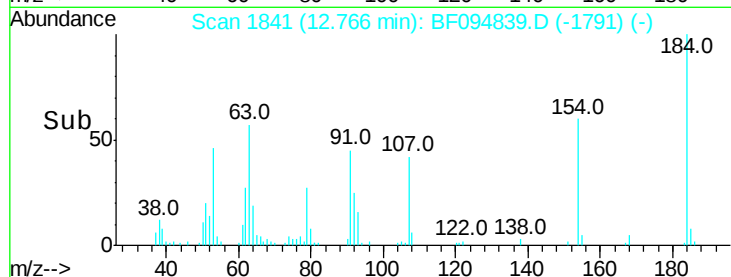
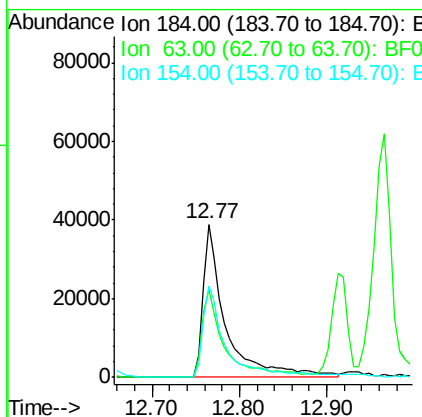
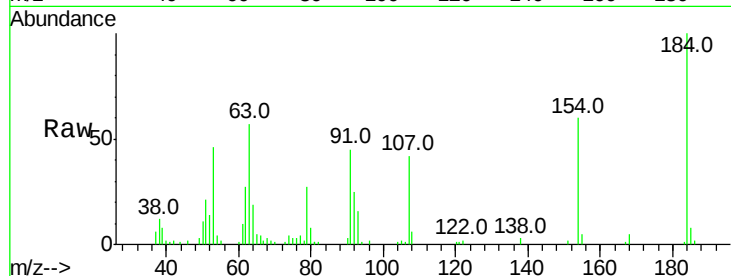




#53
 2,4-Dinitrophenol
 Concen: 41.60 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

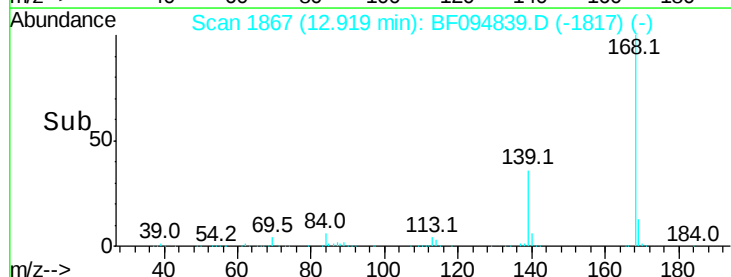
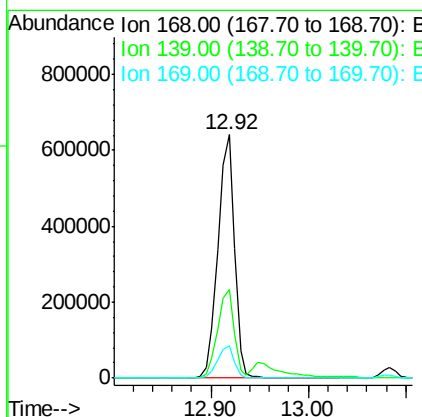
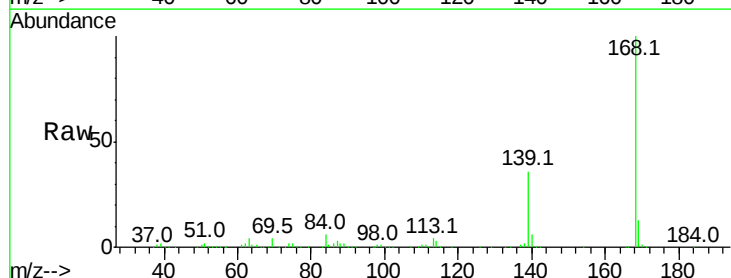
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 69467
 Ion Ratio Lower Upper
 184 100
 63 57.0 62.7 94.1#
 154 60.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.83 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:168 Resp: 757619
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 13.1 10.8 16.2

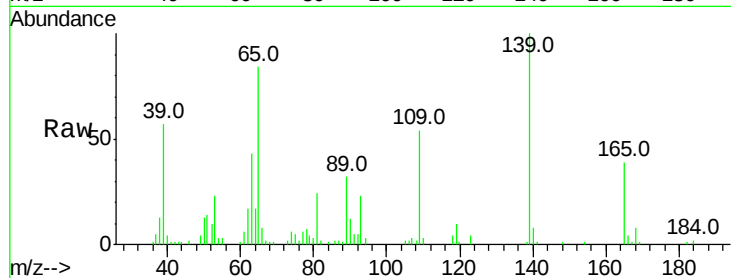




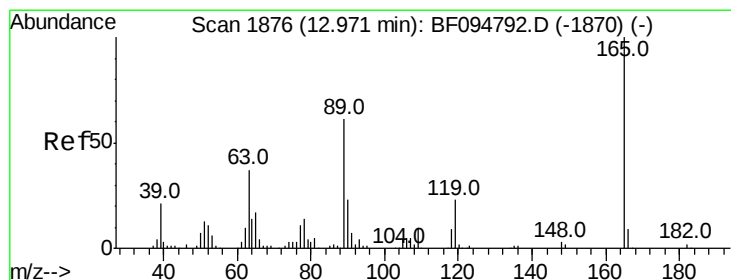
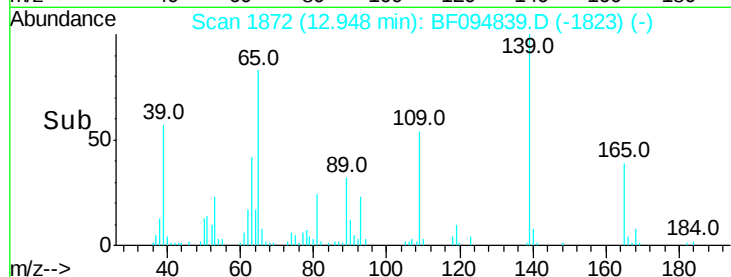
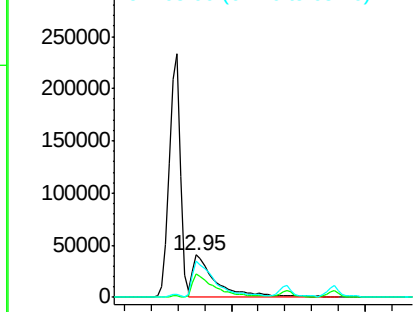
#55
4-Nitrophenol
Concen: 44.69 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 94773
Ion Ratio Lower Upper
139 100
109 54.2 34.1 74.1
65 84.4 31.4 71.4#

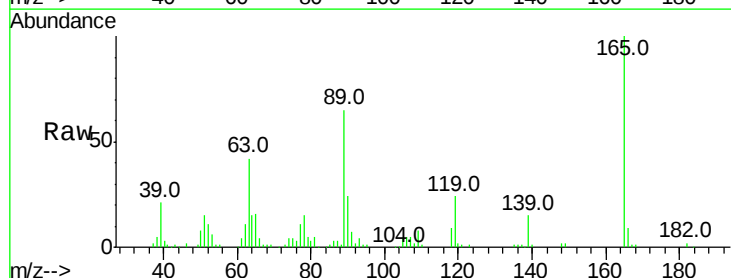


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

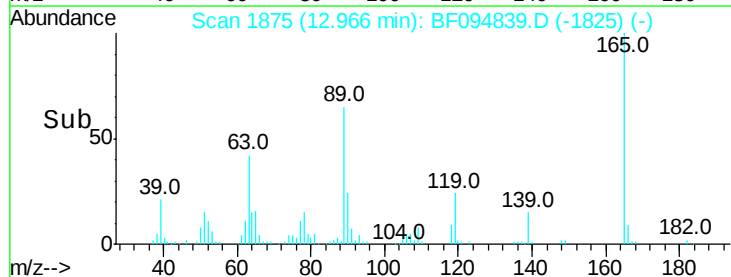
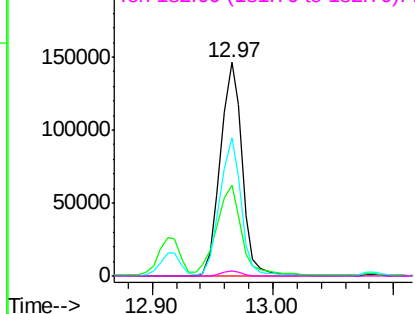


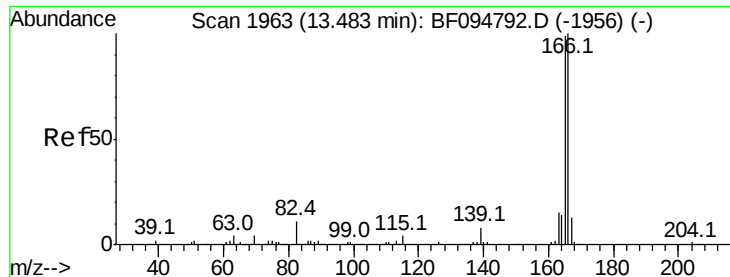
#56
2,4-Dinitrotoluene
Concen: 43.08 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion:165 Resp: 182068
Ion Ratio Lower Upper
165 100
63 42.3 25.4 38.0#
89 64.6 46.4 69.6
182 2.3 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

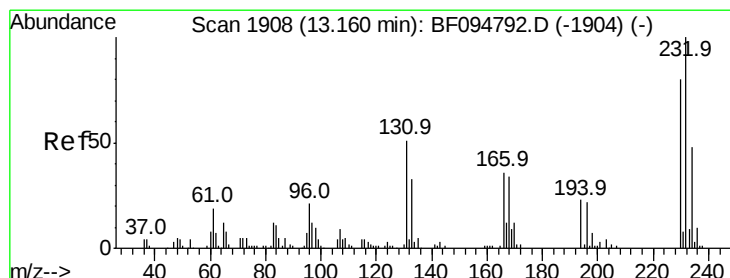
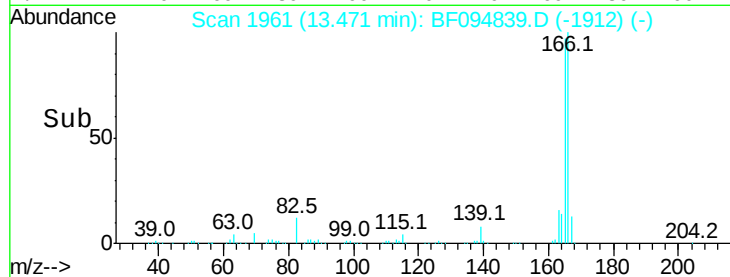
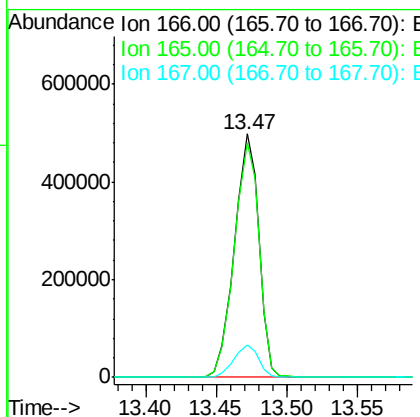
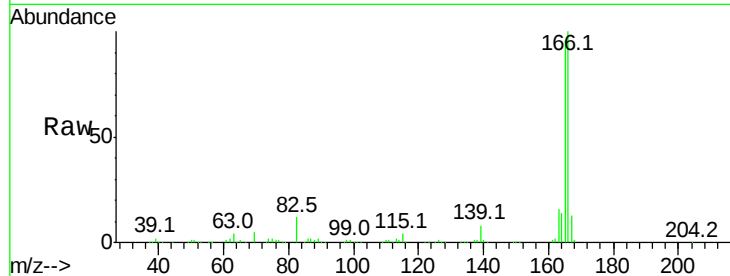




#57
 Fluorene
 Concen: 39.97 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

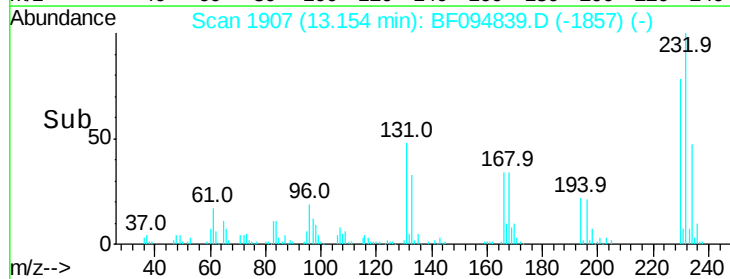
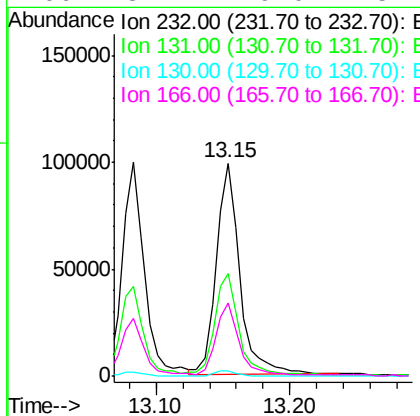
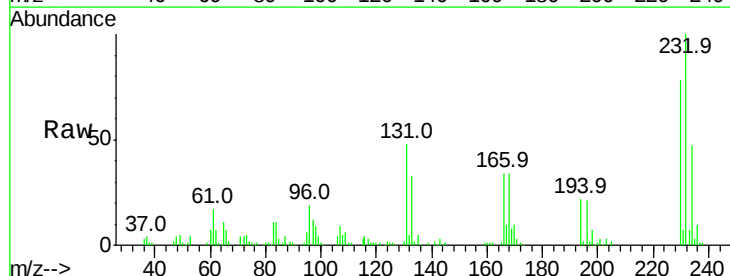
Instrument :
 BNA_F
 ClientSampleId :

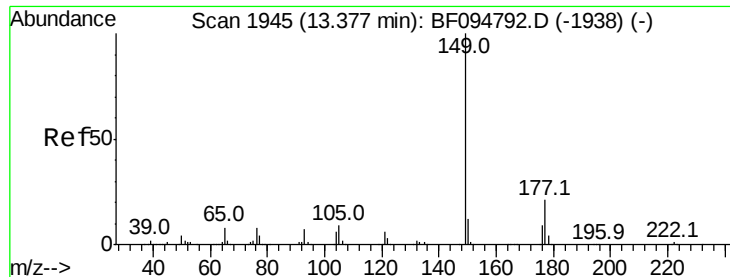
Tot Ion:166 Resp: 600806
 Ion Ratio Lower Upper
 166 100
 165 96.4 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.37 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:232 Resp: 123769
 Ion Ratio Lower Upper
 232 100
 131 51.5 44.8 67.2
 130 2.3 2.3 3.5#
 166 34.2 29.0 43.4

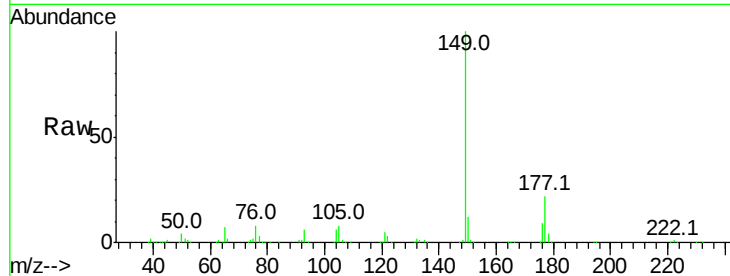




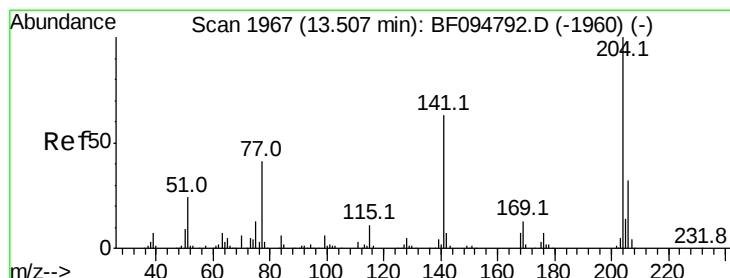
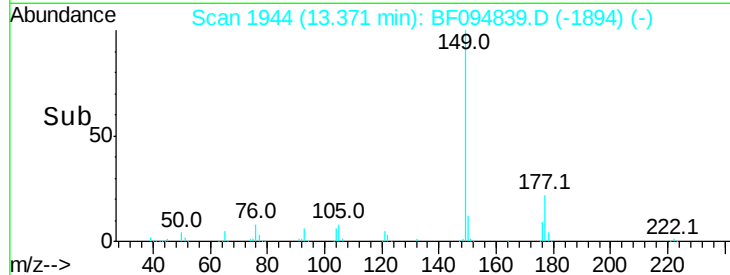
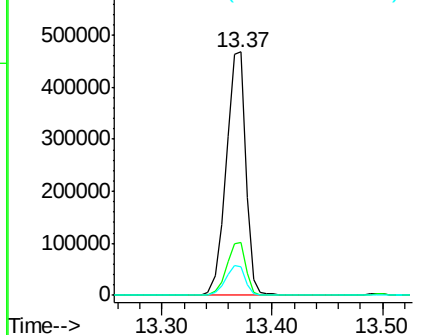
#59
Diethylphthalate
Concen: 37.77 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	11.8	10.2	15.2

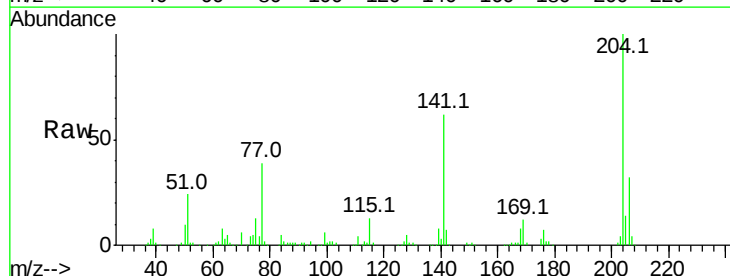


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

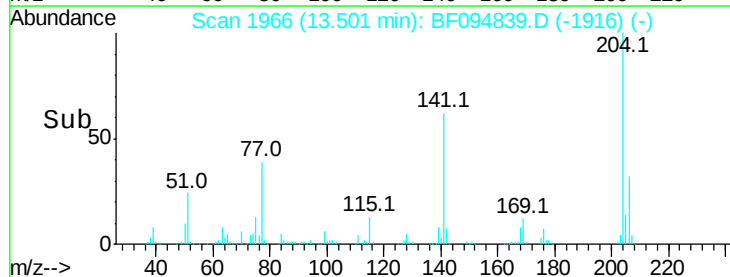
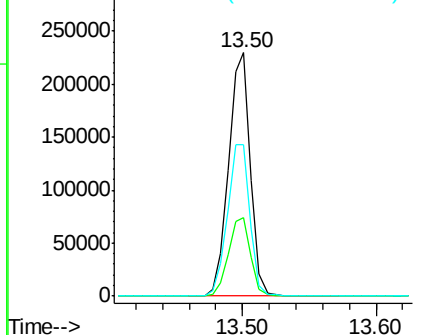


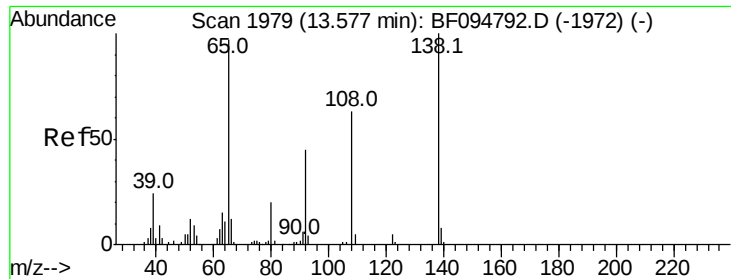
#60
4-Chlorophenyl-phenylether
Concen: 39.72 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	62.0	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

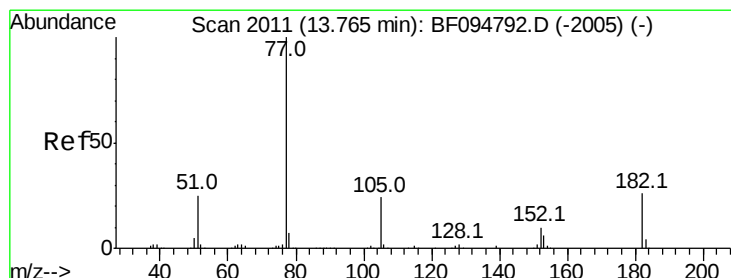
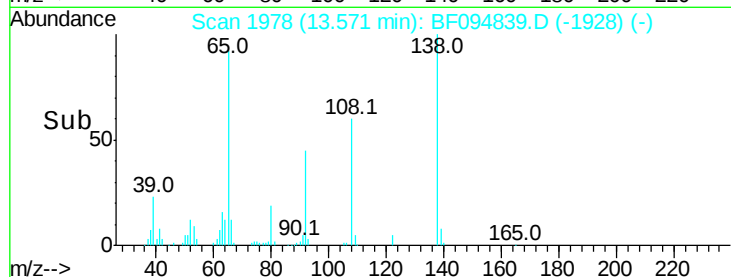
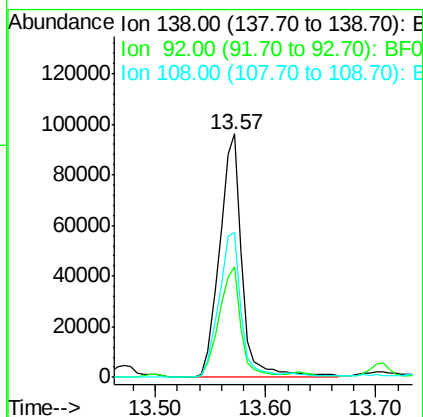
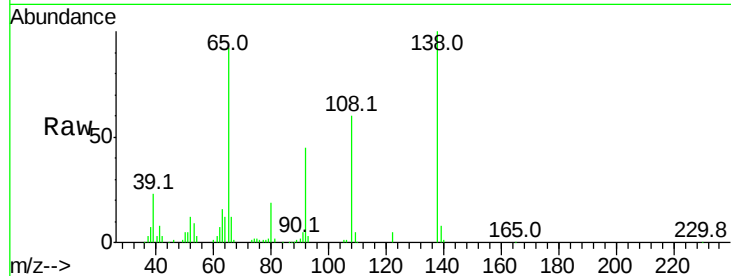




#61
4-Nitroaniline
Concen: 41.91 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

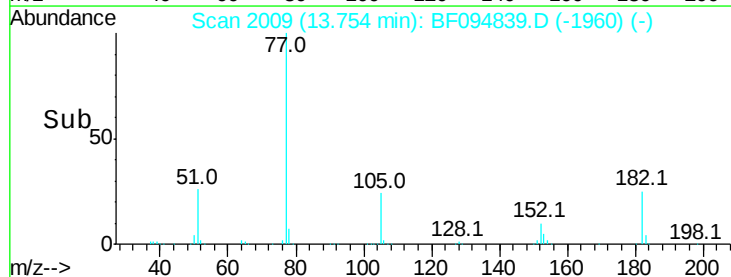
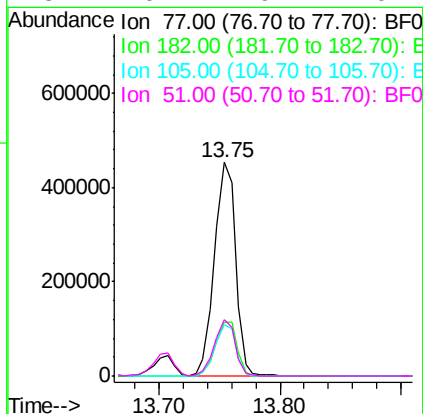
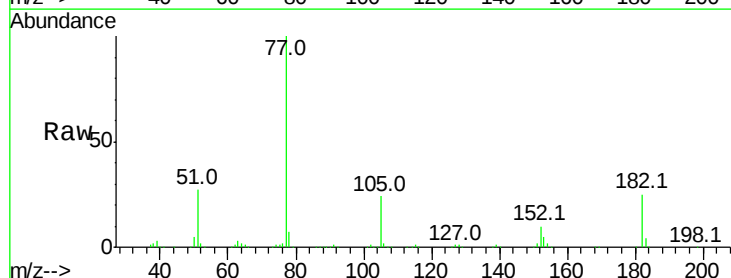
Instrument :
BNA_F
ClientSampled :

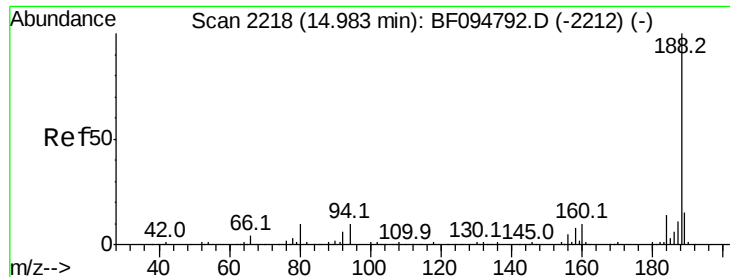
Tot Ion:138 Resp: 135830
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 59.7 42.3 82.3



#62
Azobenzene
Concen: 44.00 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion: 77 Resp: 546389
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 23.9 3.6 43.6
51 26.7 9.4 49.4

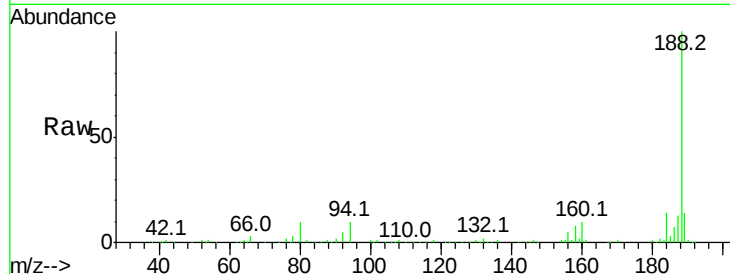




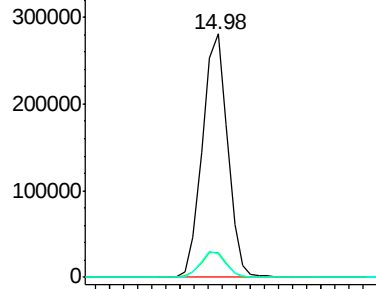
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

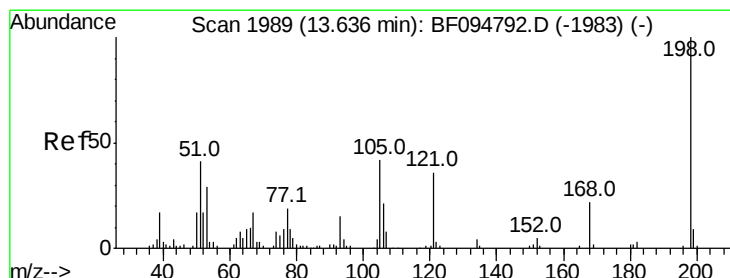
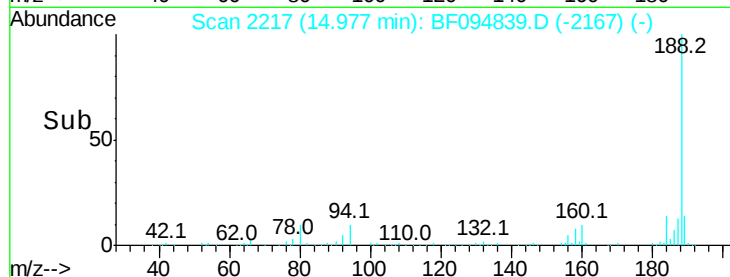
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	9.8	10.2	15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

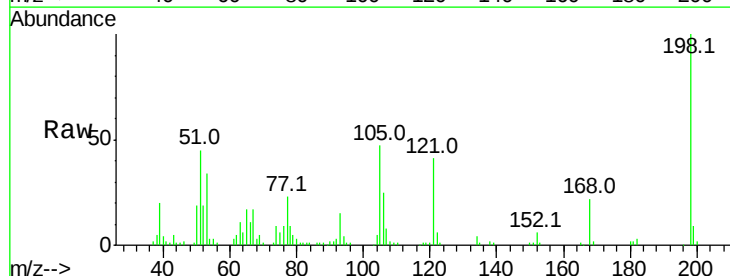


Time--> 14.90 14.95 15.00 15.05

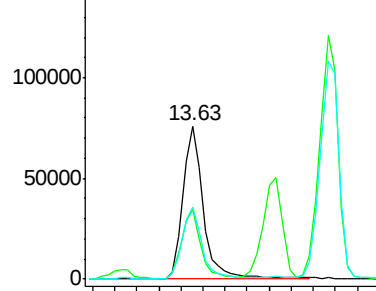


#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.23 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

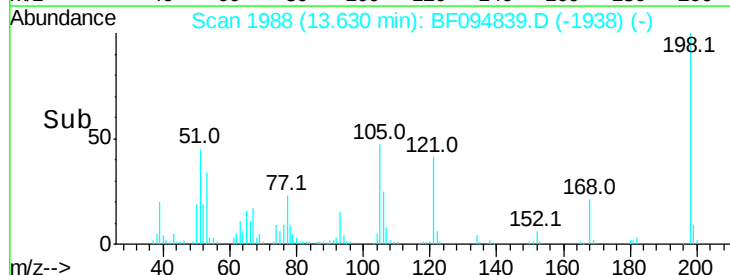
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.0	53.2	93.2#
105	46.9	45.8	85.8

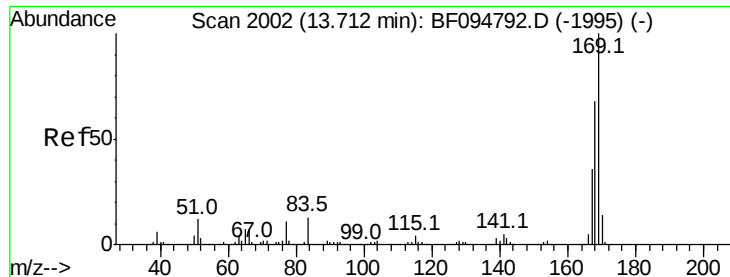


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E



Time--> 13.60 13.70

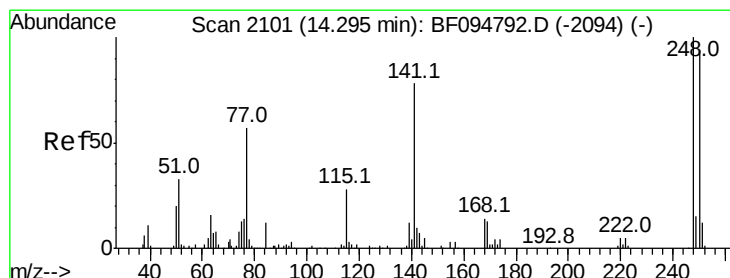
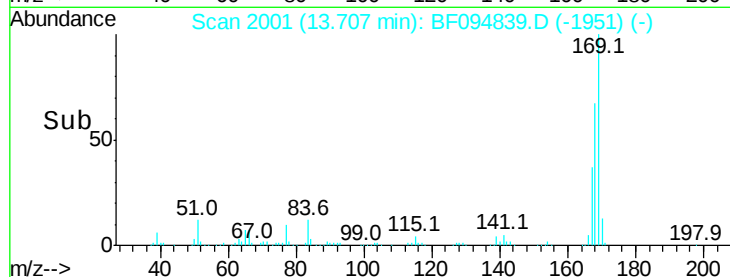
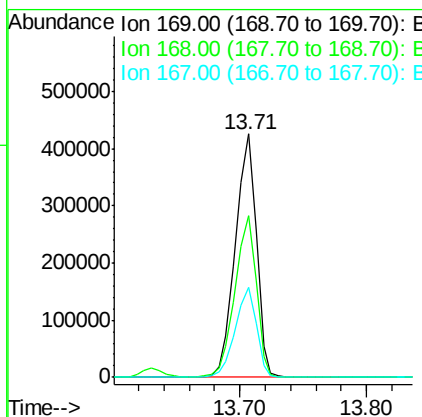
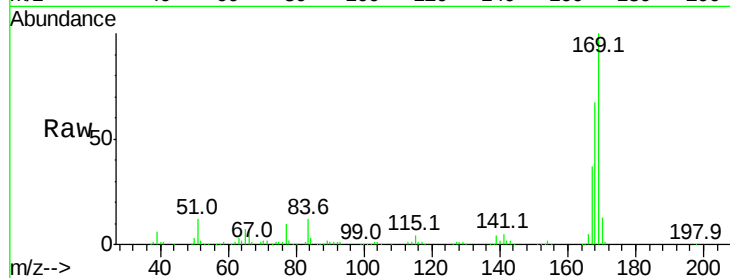




#65
 n-Nitrosodiphenylamine
 Concen: 38.28 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

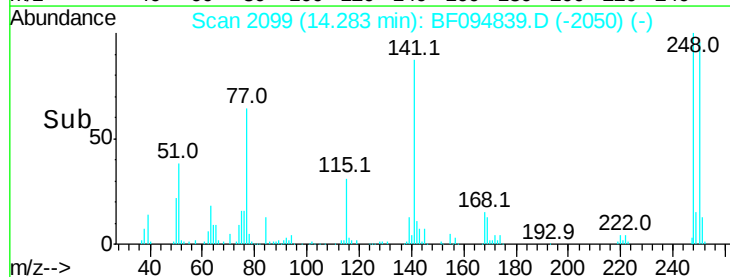
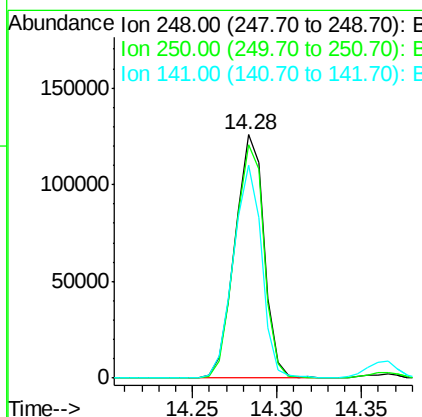
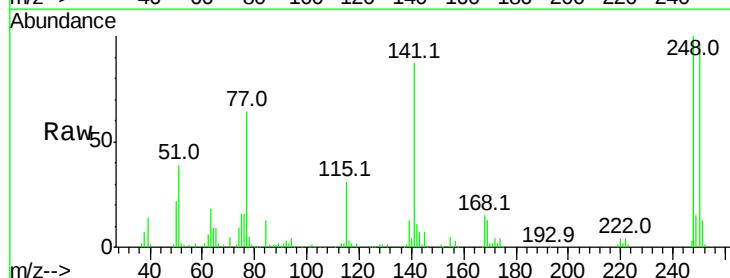
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 486293
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 37.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.84 ng
 RT: 14.28 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:248 Resp: 151046
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 87.5 68.6 103.0

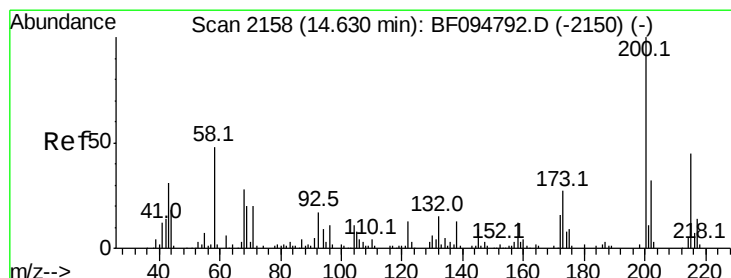
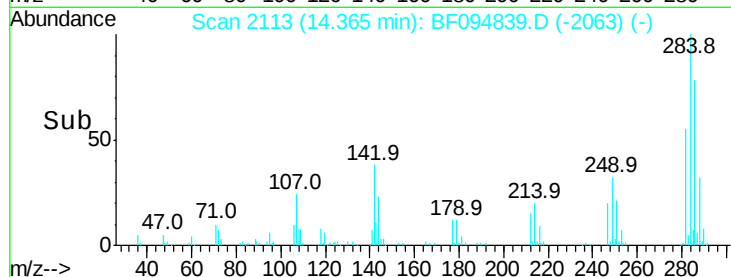
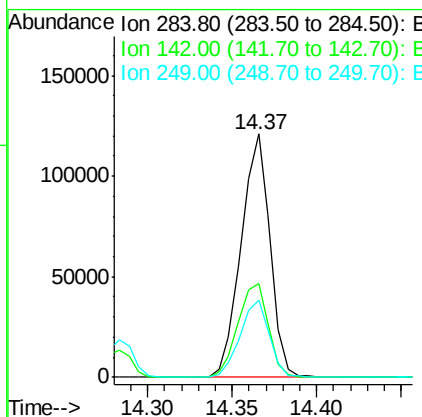
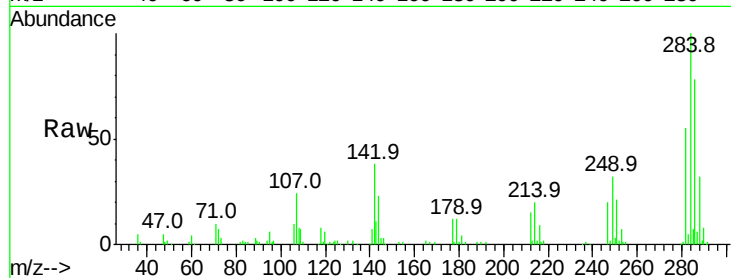




#67
Hexachlorobenzene
Concen: 38.20 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

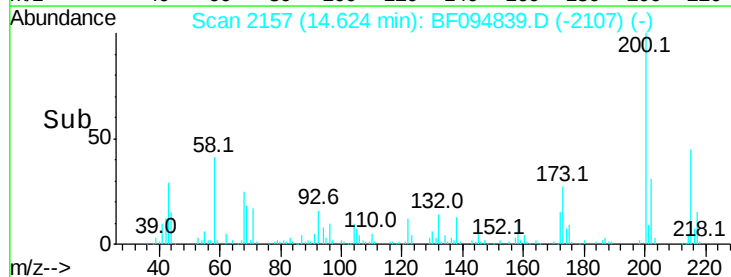
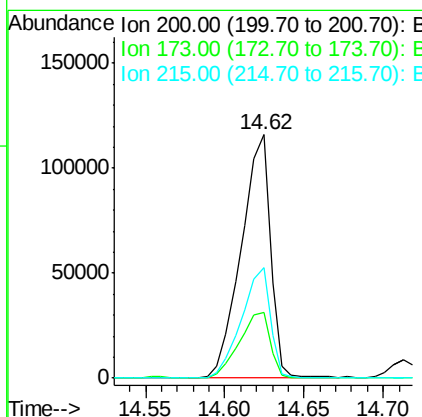
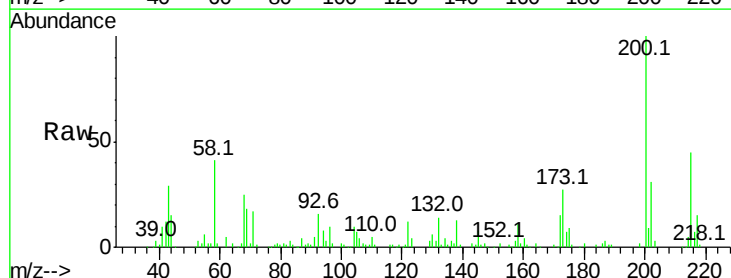
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 144785
Ion Ratio Lower Upper
284 100
142 38.5 22.8 34.2#
249 31.7 24.0 36.0



#68
Atrazine
Concen: 41.58 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion:200 Resp: 149153
Ion Ratio Lower Upper
200 100
173 27.0 6.3 46.3
215 45.4 27.2 67.2

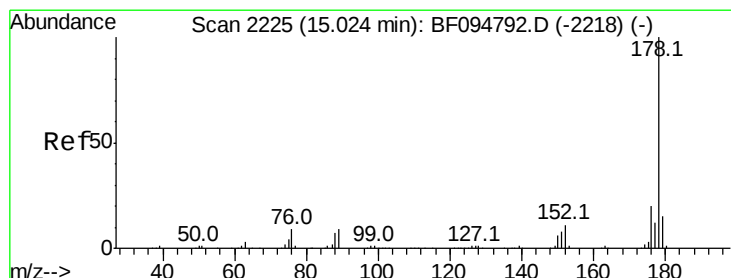
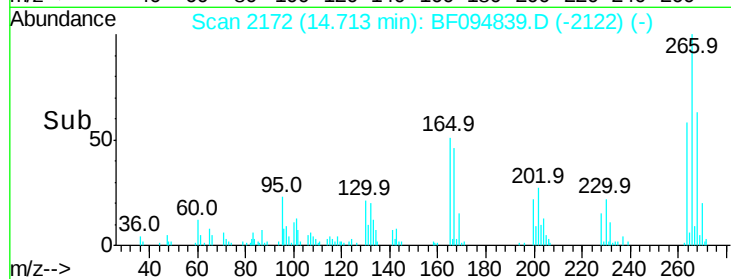
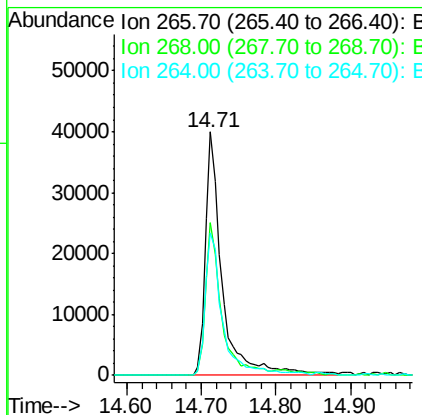
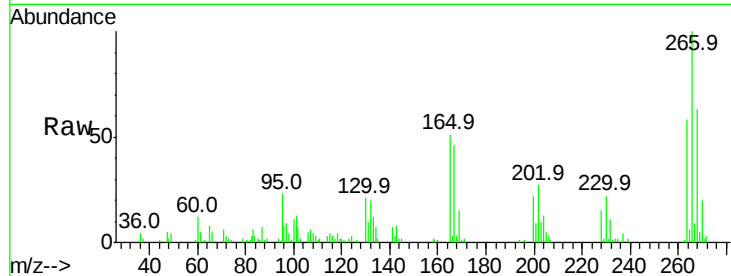




#69
 Pentachlorophenol
 Concen: 40.02 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

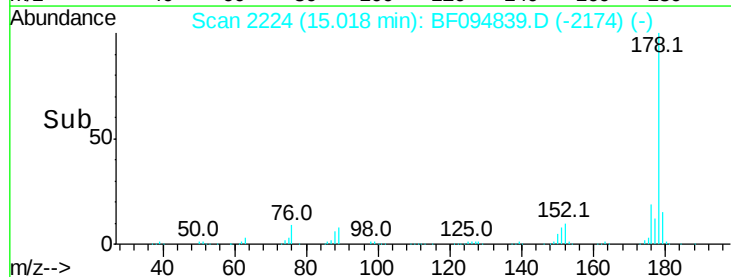
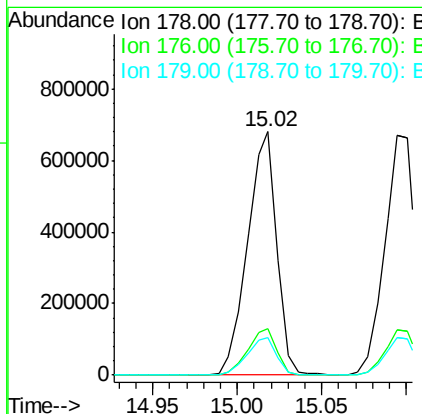
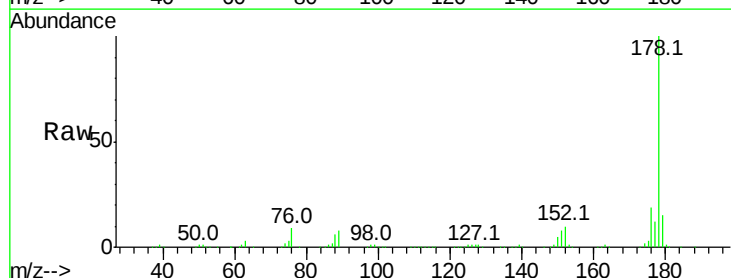
Instrument :
 BNA_F
 ClientSampleId :

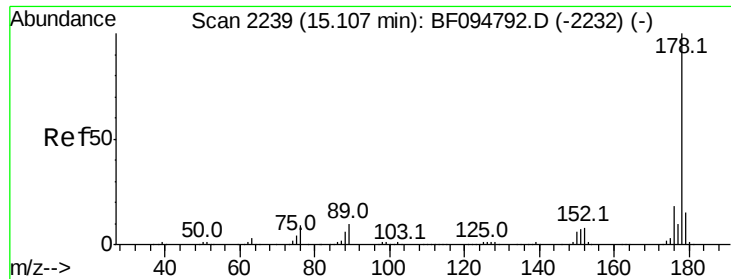
Tot Ion:266 Resp: 63151
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 58.5 51.7 77.5



#70
 Phenanthrene
 Concen: 40.80 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:178 Resp: 820473
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.4 12.6 19.0

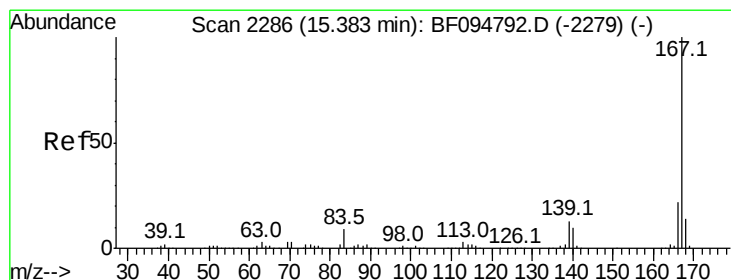
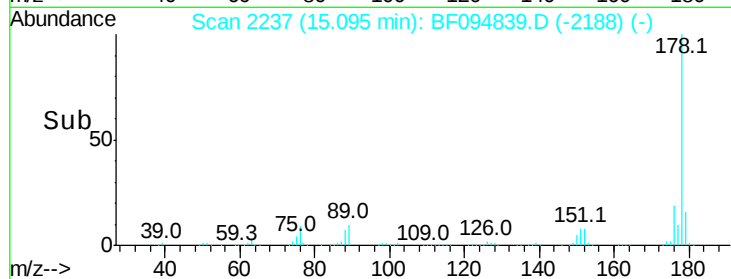
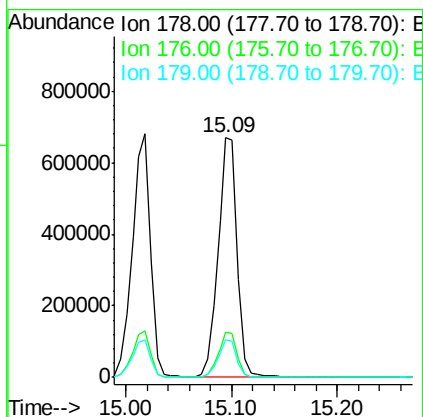
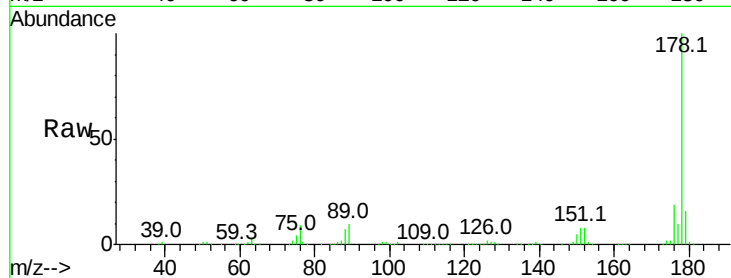




#71
 Anthracene
 Concen: 40.98 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

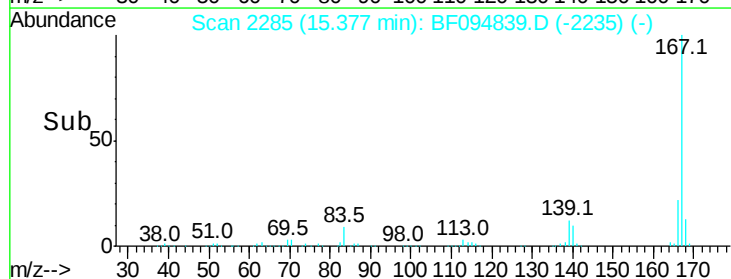
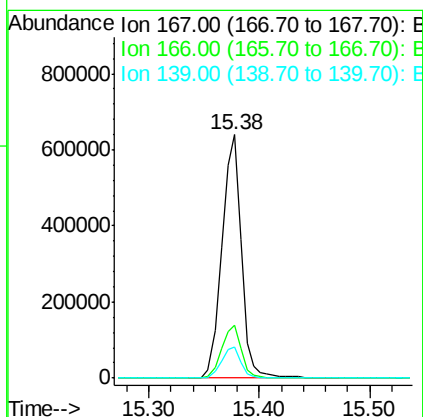
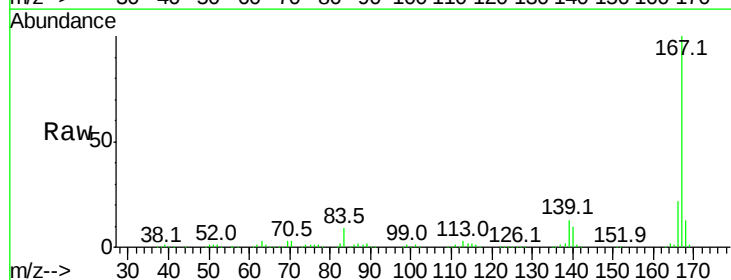
Instrument :
 BNA_F
 ClientSampleId :

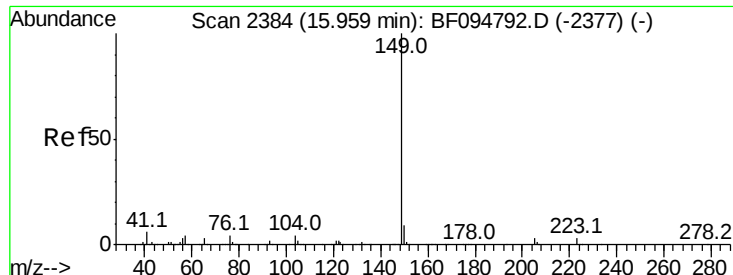
Tot Ion:178 Resp: 841901
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 42.20 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:167 Resp: 788805
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.79 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

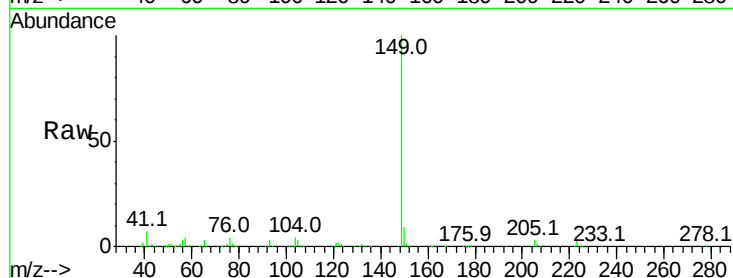
Tot Ion:149 Resp: 904180

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

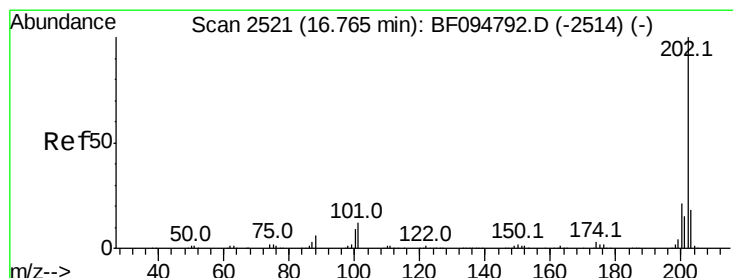
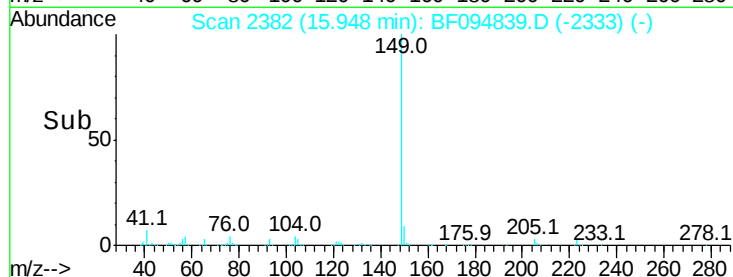
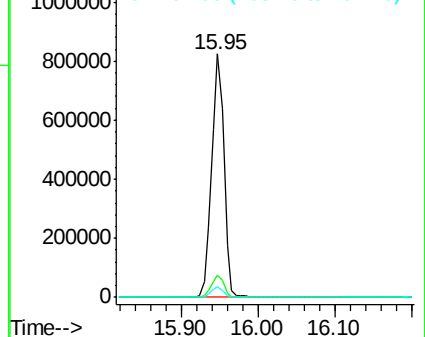
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.03 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

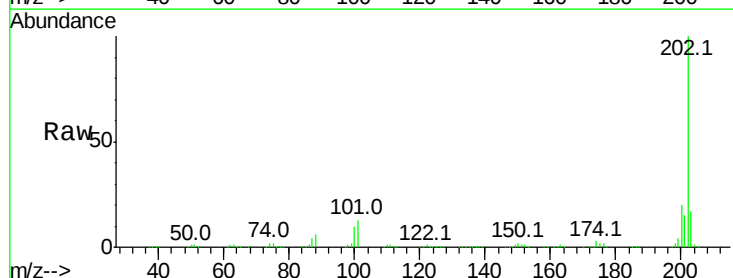
Tgt Ion:202 Resp: 846532

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

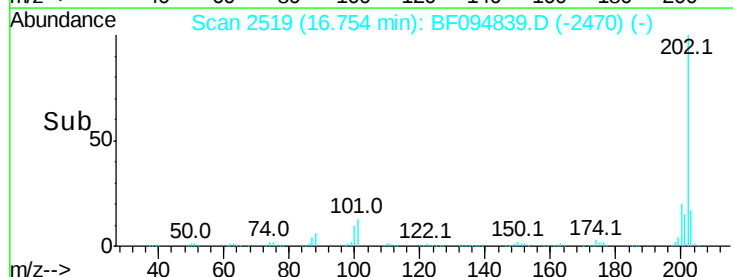
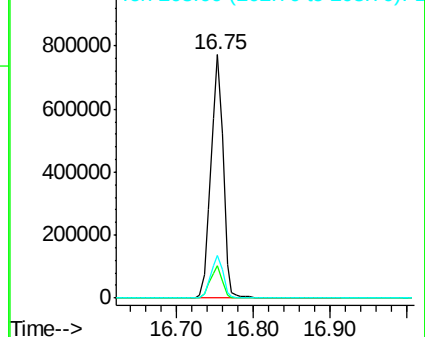
203 17.4 0.0 38.1

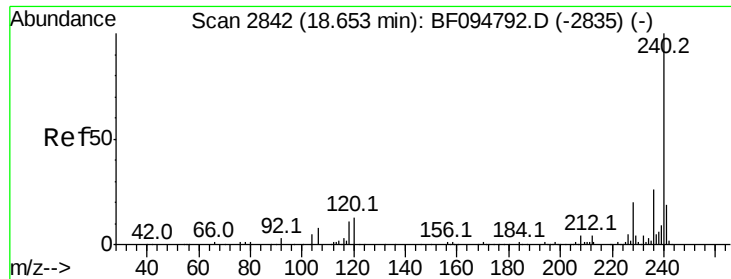


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

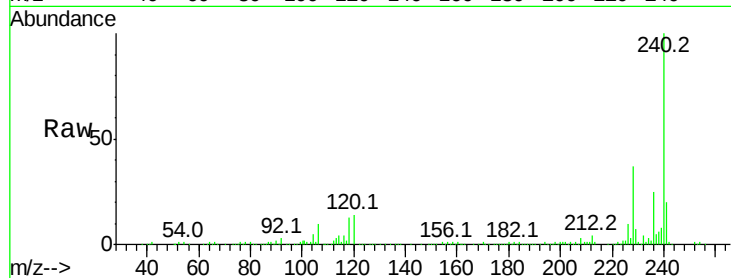




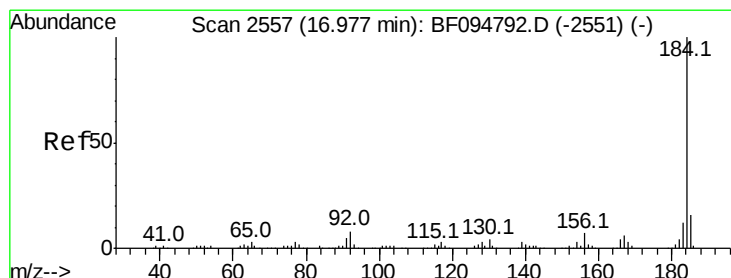
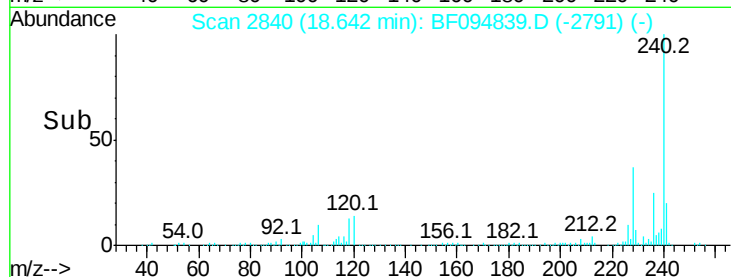
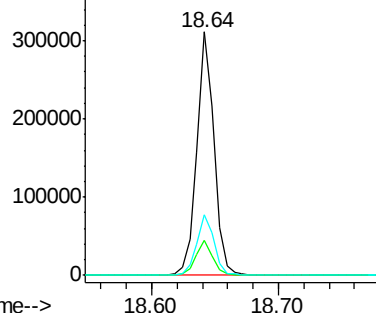
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 291973
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 24.9 20.5 30.7

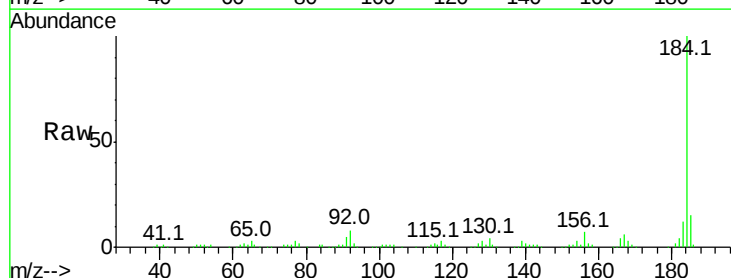


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

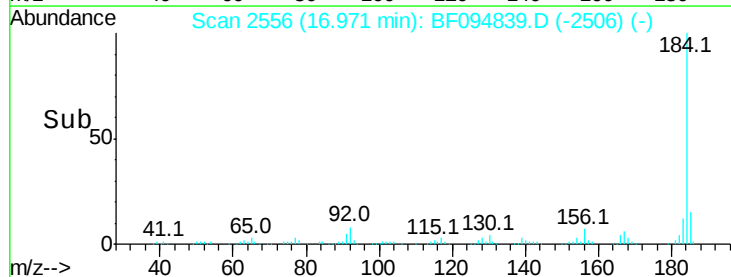
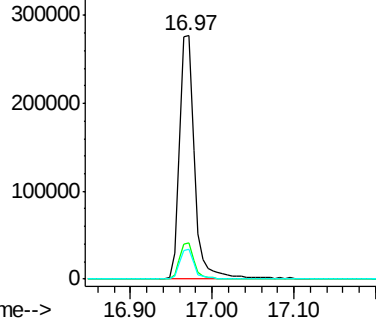


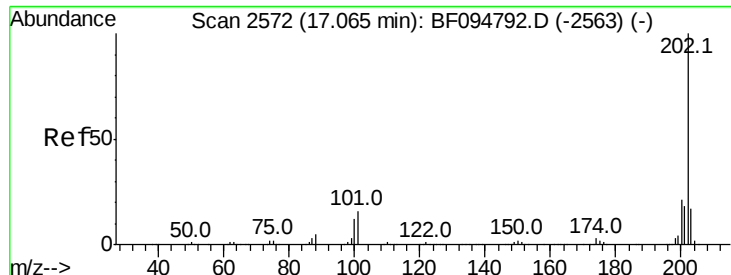
#76
Benzidine
Concen: 45.47 ng
RT: 16.97 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion:184 Resp: 355912
Ion Ratio Lower Upper
184 100
185 14.9 15.5 23.3#
183 12.2 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.54 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

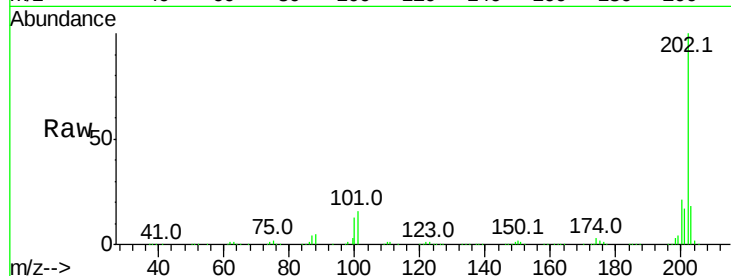
Tot Ion:202 Resp: 819750

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

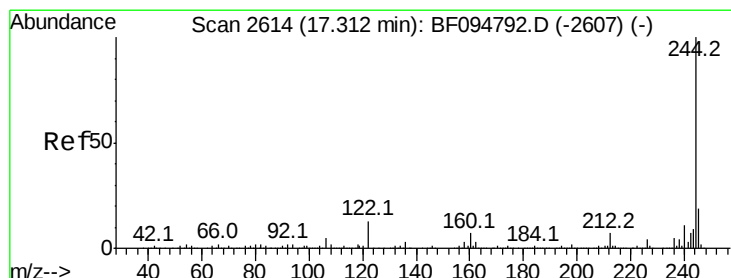
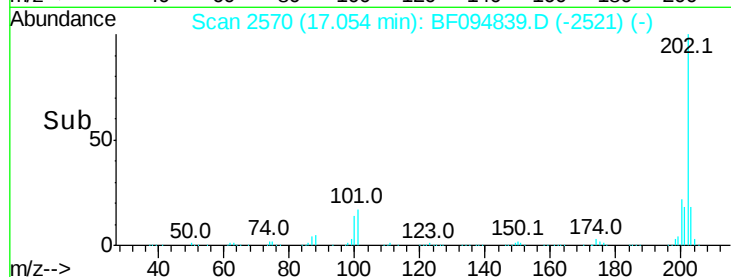
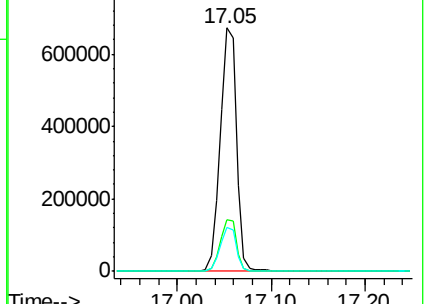
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.41 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

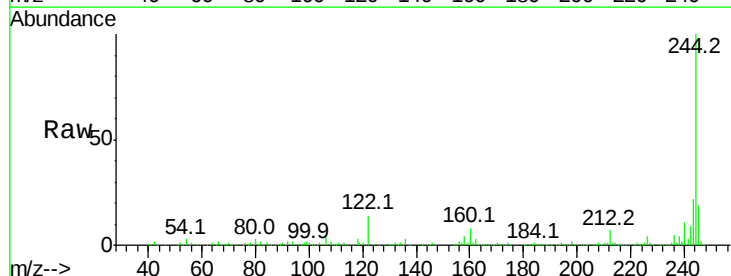
Tgt Ion:244 Resp: 920048

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

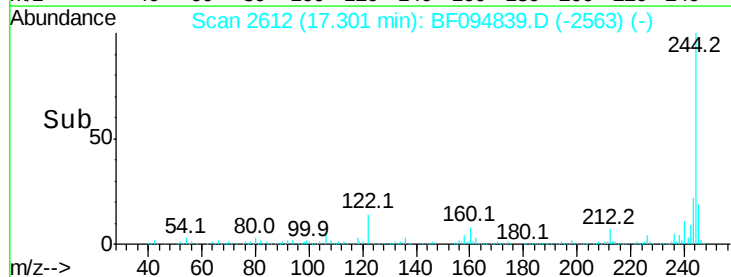
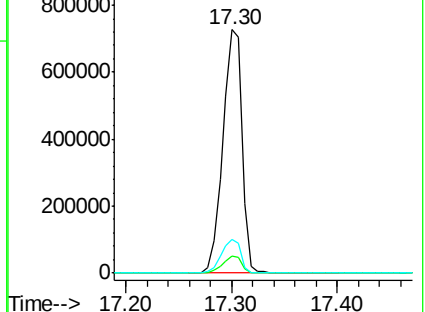
122 14.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

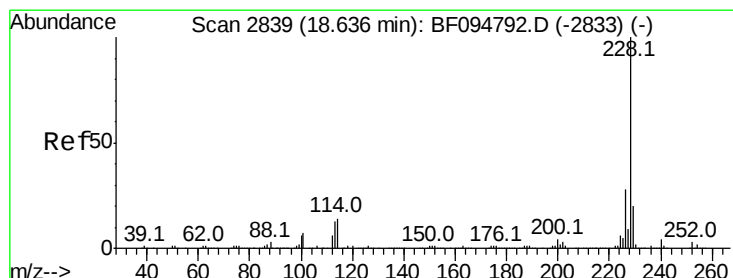
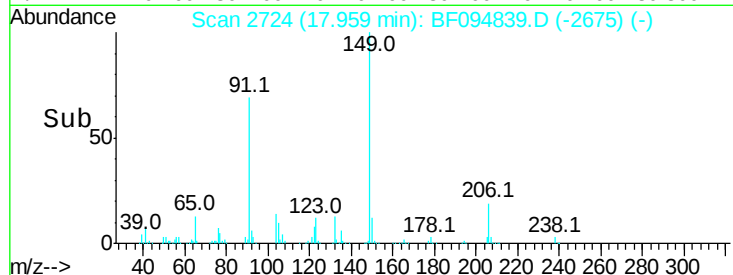
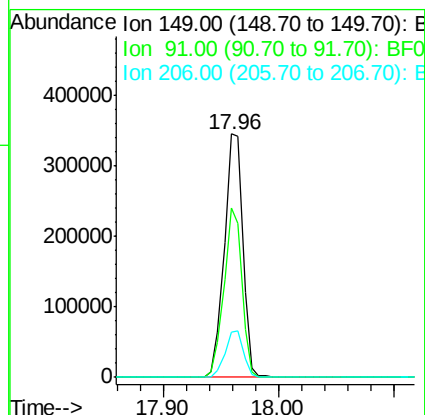
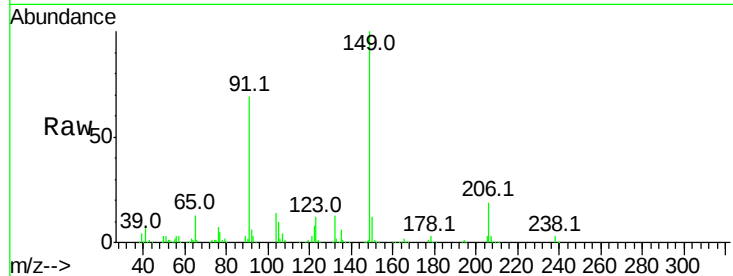




#79
Butylbenzylphthalate
Concen: 38.25 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

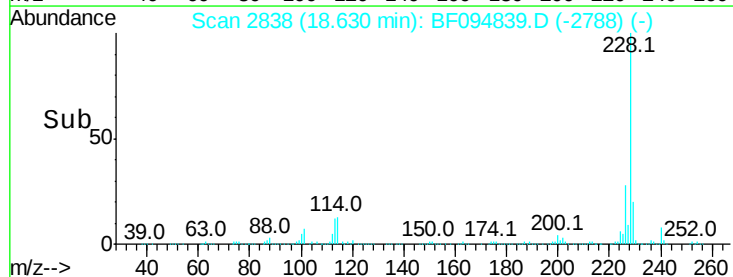
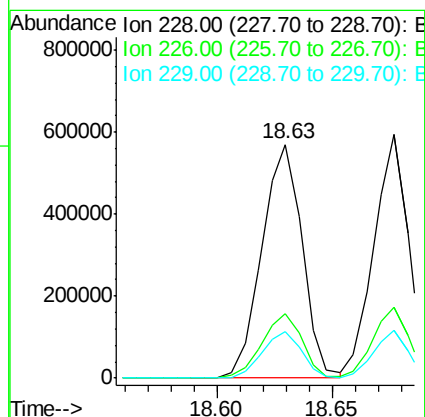
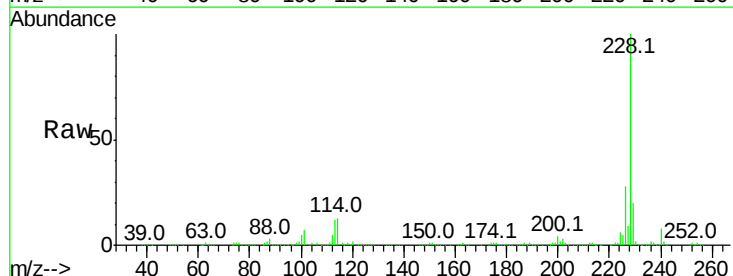
Instrument :
BNA_F
ClientSampleId :

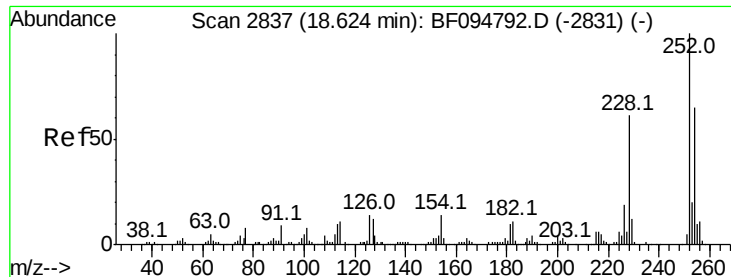
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	45.0	67.4#
206	18.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 40.62 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.3	24.5

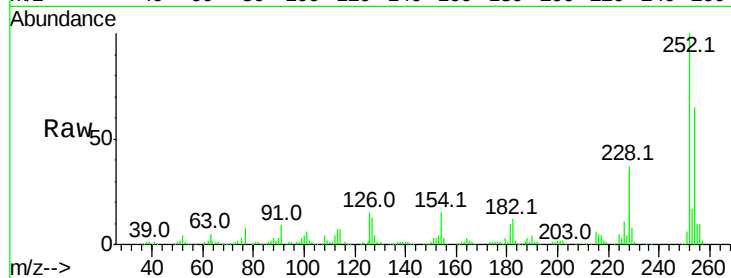




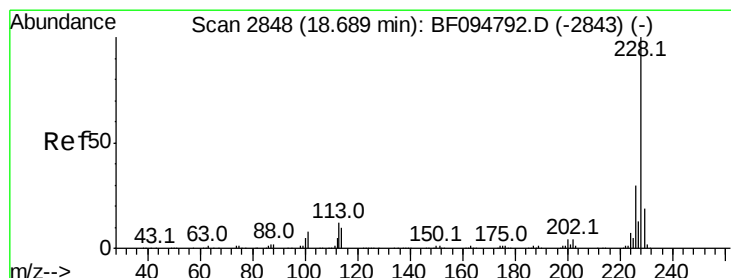
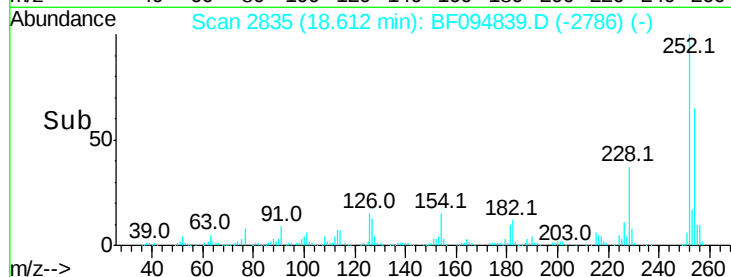
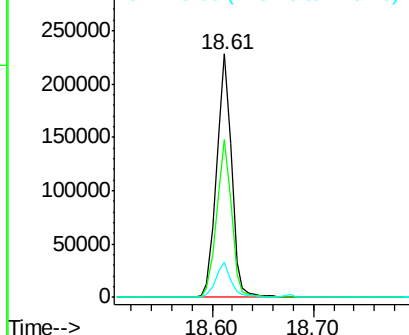
#81
 3,3'-Dichlorobenzidine
 Concen: 40.23 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 236090
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 14.6 15.8 23.8#

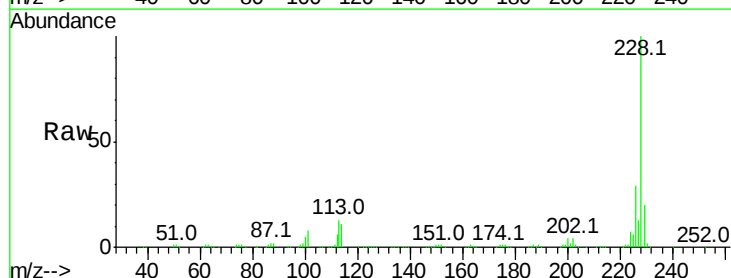


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

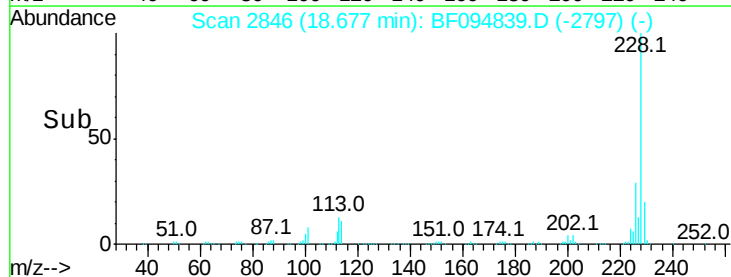
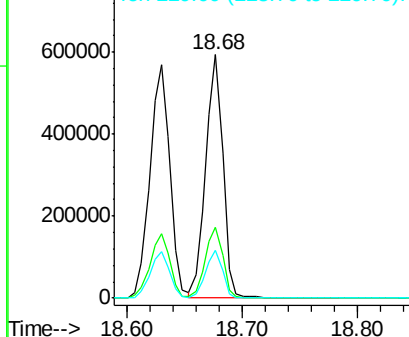


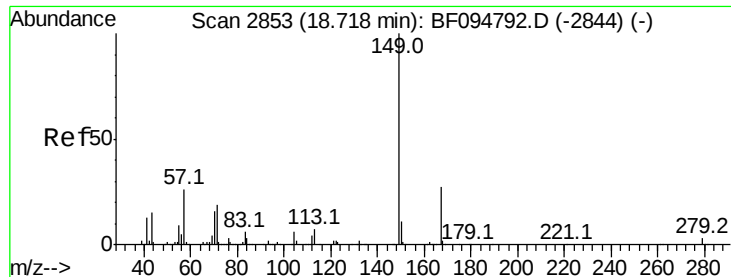
#82
 Chrysene
 Concen: 37.89 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:228 Resp: 622496
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.9 37.3
 229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

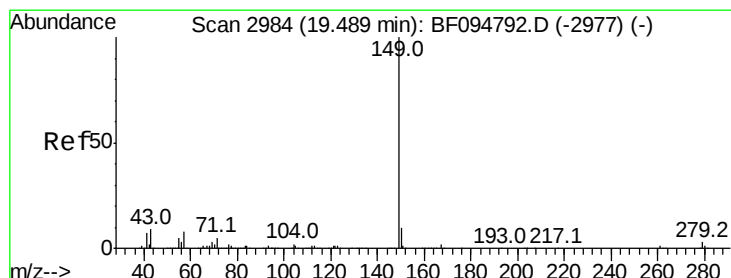
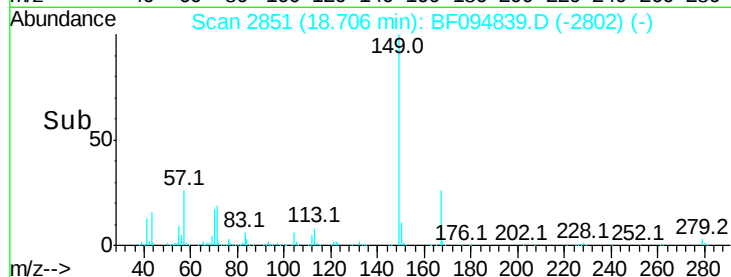
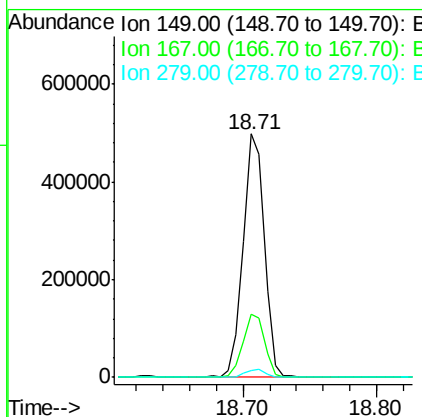
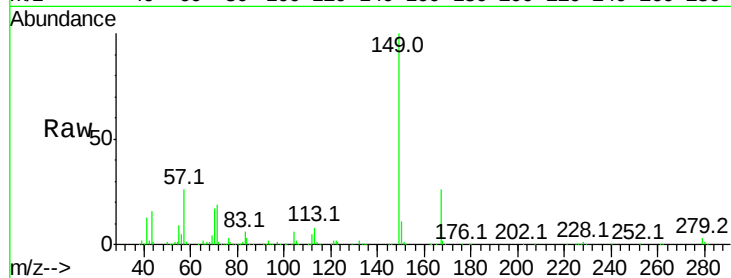




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.86 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

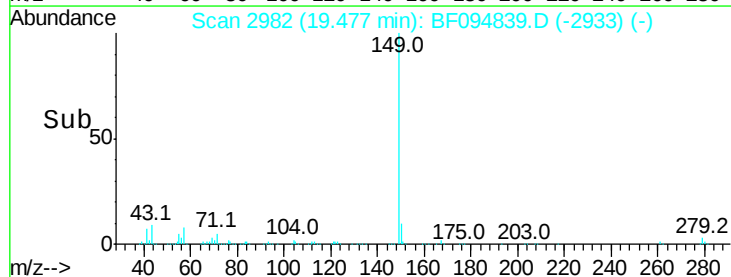
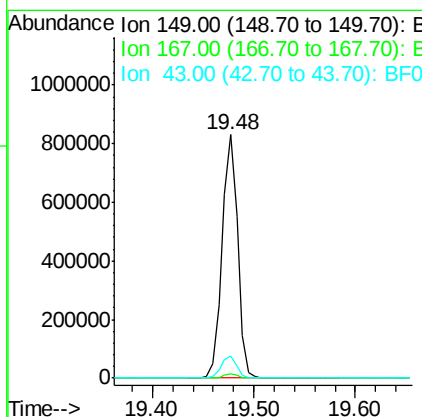
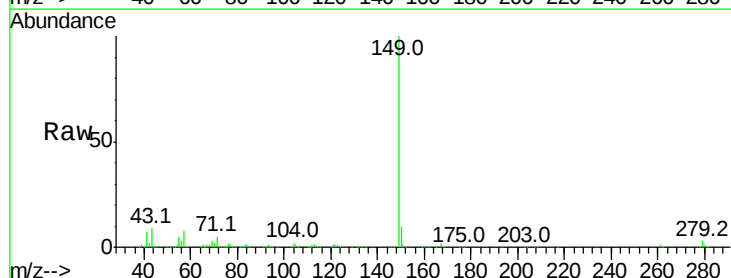
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 547834
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 37.33 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion:149 Resp: 885696
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7

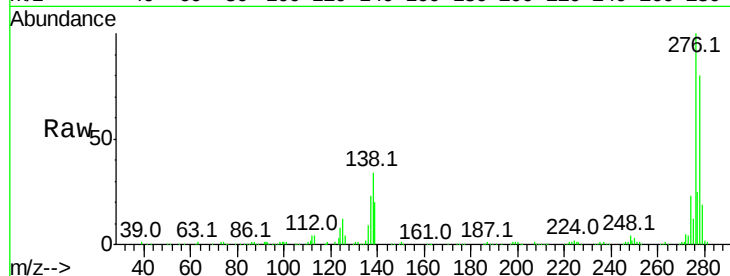




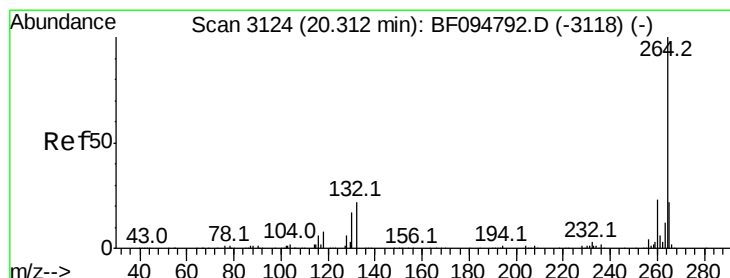
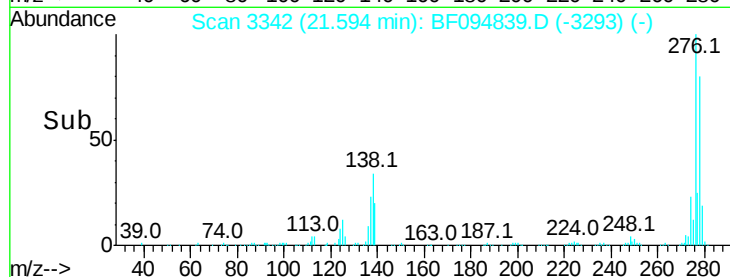
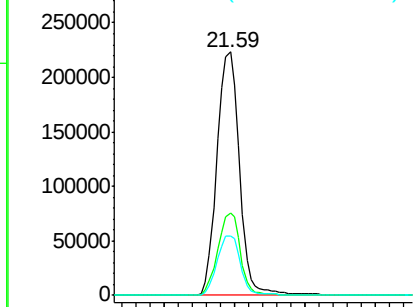
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.34 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.3	20.2	30.4

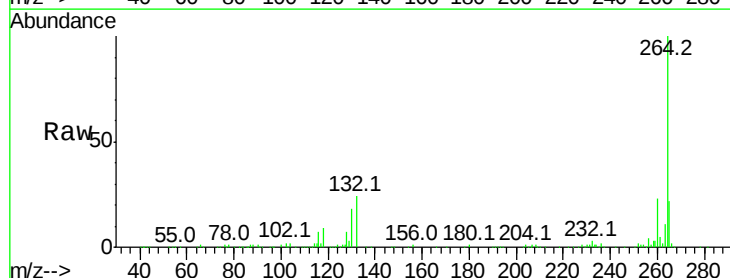


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

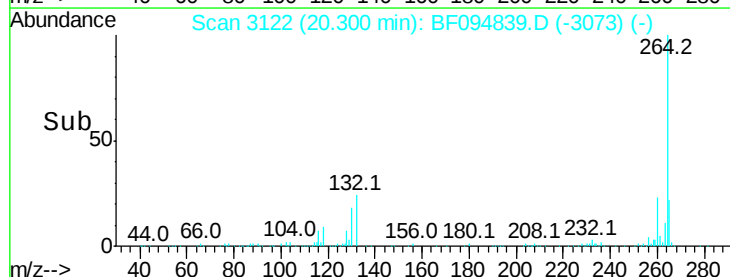
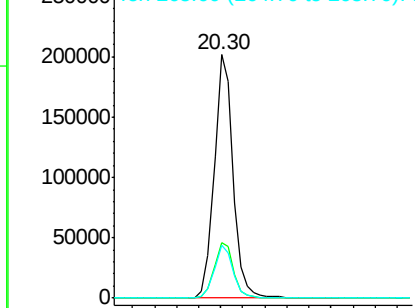


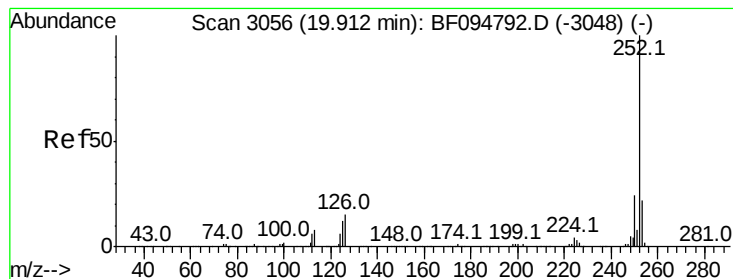
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094839.D
 Acq: 3 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.73 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094839.D

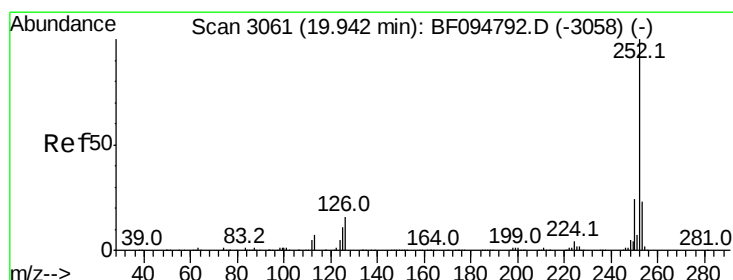
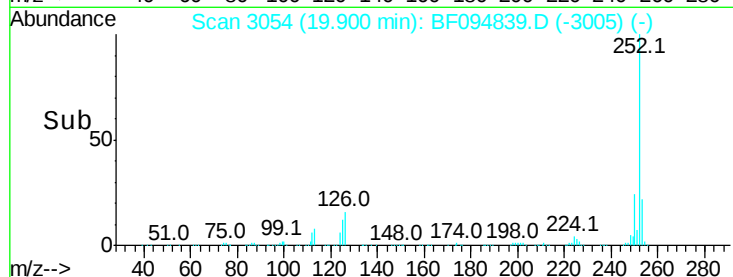
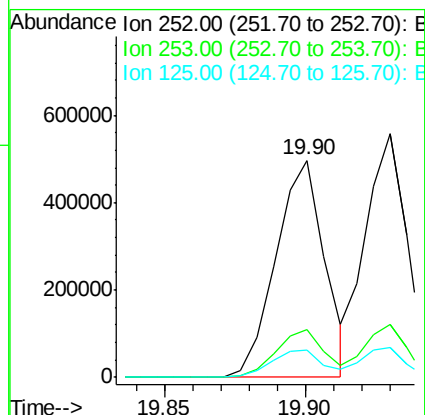
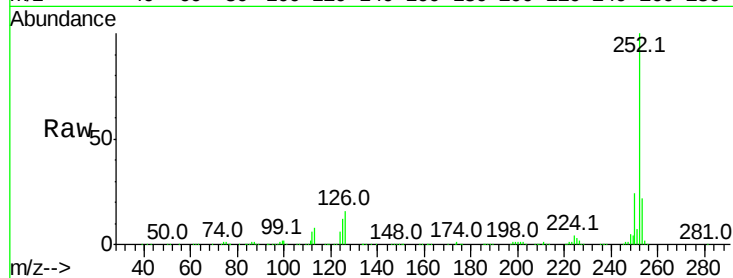
Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	594647
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.1 27.1
125	12.3	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 41.19 ng

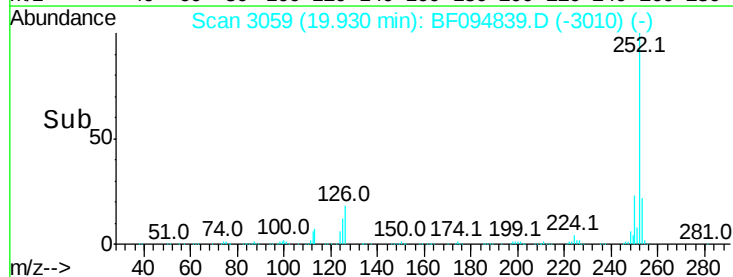
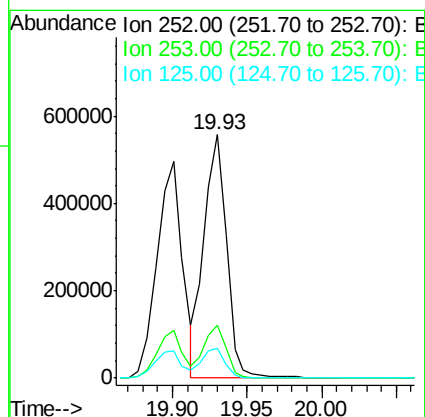
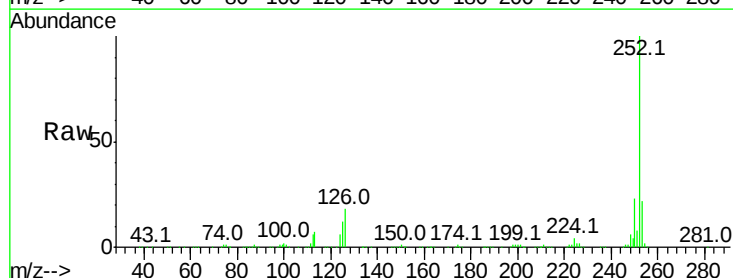
RT: 19.93 min Scan# 3059

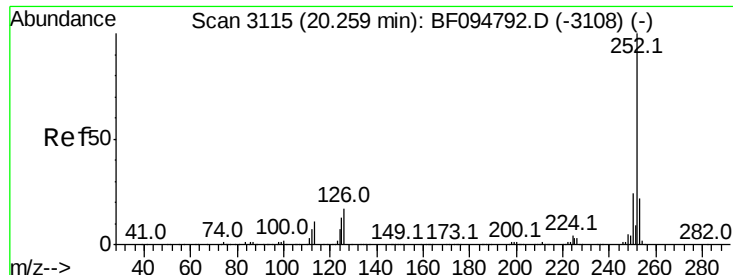
Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Tgt Ion:252	Resp:	580037
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.4 27.6
125	12.3	13.1 19.7#

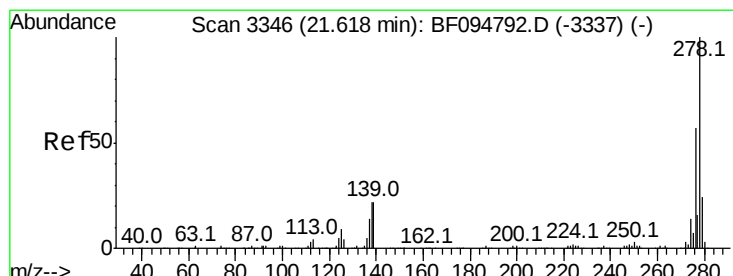
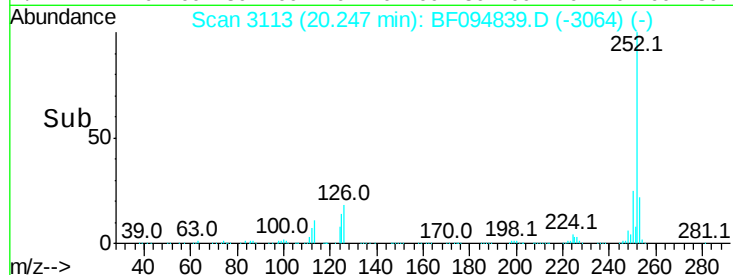
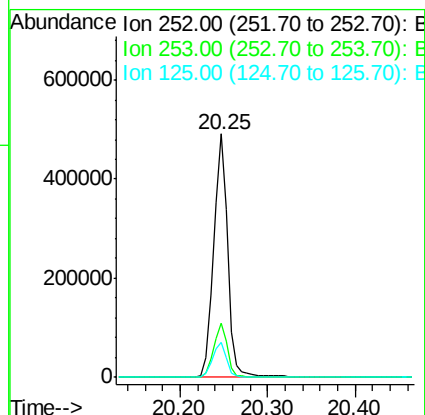
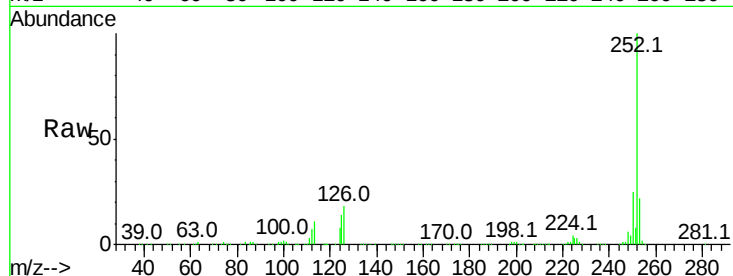




#89
Benzo(a)pyrene
Concen: 40.63 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

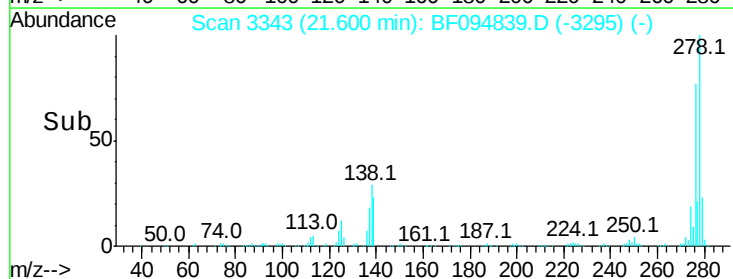
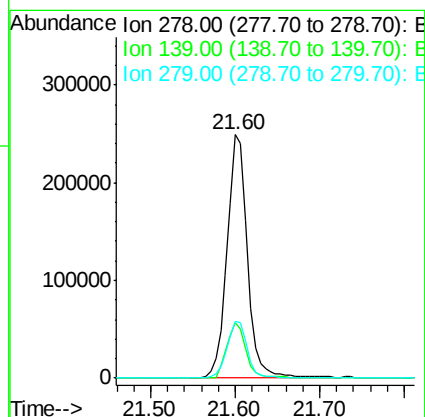
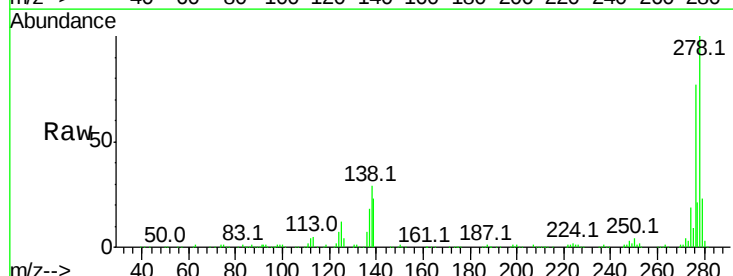
Instrument :
BNA_F
ClientSampleId :

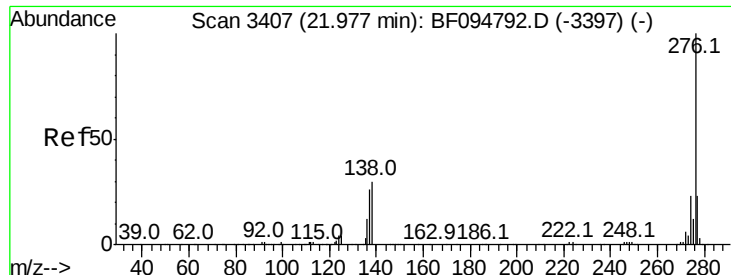
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.4	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.29 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094839.D
Acq: 3 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	23.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 38.11 ng

RT: 21.97 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094839.D

Acq: 3 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

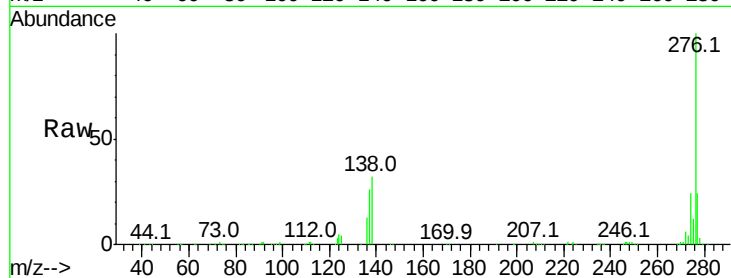
Tot Ion: 276 Resp: 416027

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

